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# **Project Requirements Document**

**for**

## **CTI – Student Media Gallery**

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## Revision History

Name	Date	Reason For Changes	Version
K. Wei	8-22-07	Adding Use Cases	1.0
N. Wacker	8-23-07	Review & Changes	1.1

# 1. Introduction

## 1.1 Background

The CTI website currently does not have a central platform where interested parties can view student work. Some instructors utilize their own personal websites to display projects, however, this is not advertised to anyone outside the class, there is no consistency, and important information is often missing. Students have also expressed confusion as to what a particular course is about and the type of work that is done in the course after reading the brief and sometimes abstract course descriptions.

In courses where students have shared and presented their work, the typical response is that they have found it motivating and inspirational and were able to leverage off other student skills through the shared work. Based on some initial research and feedback we received through a survey distributed to students and faculty as well as through our own personal observation, we believe there is a need within CTI to create a student gallery for current students, prospective students, CTI faculty and staff, alumni as well as recruiters to use. This type of gallery would provide various benefits to all potential users these benefits will be addressed throughout the document.

## 1.2 Initial Research

### 1.2.1 Web Research and Interviews with Guarantors:

- [UMD HCIL Research Lab](#)
- [Parson's School of Design](#)
- [Otis](#)
- [School of the Art Institute of Chicago](#)
- [Art Center College of Design](#)
- [Hfg Offenbach \(Germany\)](#)

### 1.2.2 Surveys with CTI students and faculty

Review the survey forms under Appendix B.

## 1.3 Purpose

The purpose of the product is to provide a publicly accessible platform to showcase high quality work and projects of CTI students across all degrees, programs and courses. The Student Media Gallery will be integrated into the new CTI website as a new feature and will increase interest, add value and attract user logs to the website.

## 1.4 Project Scope

### 1.4.1 Business Objectives:

- Add value to CTI website
- Increase enrollment = Increase revenue
- Higher ranking through increased student satisfaction

### 1.4.2 User Objectives:

- Users (especially students) want to view student projects, without having to exceedingly or even unsuccessfully search for them on the CTI website
- Increased user satisfaction through good utility and meeting their expectations
- Higher transparency of CTI programs and courses
- Increased communication among CTI students within or crossover majors
- Attract interest to their work in order to get feedback

## 1.5 References

### 1.5.1 Software Information:

- Adobe Flex: <http://www.adobe.com/products/flex/>
- Microsoft SharePoint: <http://office.microsoft.com/de-de/sharepointserver/FX100492001031.aspx>
- Web standards: <http://www.w3.org/>

### 1.5.2 Style Guides:

- DePaul Graphic Identity Standards Online Document:  
[http://brandresources.depaul.edu/downloads/Graphic\\_Standards\\_PDF.pdf](http://brandresources.depaul.edu/downloads/Graphic_Standards_PDF.pdf)
- DePaul Web Standards:  
[http://brandresources.depaul.edu/graphic\\_standards/ws\\_design\\_elements.aspx](http://brandresources.depaul.edu/graphic_standards/ws_design_elements.aspx)

### 1.5.3 Copyright Information:

- DePaul Copyright Policies:  
<http://www.lib.depaul.edu/copyright/index.htm>
- Yahoo! Online Copyright Policies:  
[Yahoo! Copyright & IP](http://www.yahoo.com/copyright/)

### 1.5.4 Project Wireframes & Diagram Document:

- ProjectWireframes&Diagrams.doc

## 2. Overall Description

### 2.1 Product Perspective

The **CTI - Student Media Gallery** is a project showcase platform from students primarily for students. At the end of every quarter current CTI students of all degrees and majors are welcome to upload the results of their hard work throughout the quarter to the gallery. An upload wizard guides students through 6 easy steps and will be quick and simple for every student to do, even for those with less experience in using computers. Over the time the platform will grow to a comprehensive archive of very interesting, high class student projects.

One main advantage of having such a central gallery platform is that all projects will be easily accessible through this one platform, instead of being spread out over several individual rather hidden course and faculty pages. This way current students won't have to execute a cumbersome research on the internet in order to be able to view student projects of courses they have never been enrolled in.

In order to be able to handle the huge amount of data, the system provides great sort and filter functionality to guarantee users broad flexibility and satisfaction at the same time. Users can freely select and combine the provided filter options in a way that they will only be prompted with projects that they are really interested in.

The gallery will help to make the quality and professionalism of CTI's courses and programs more transparent and attractive for internal and external students, as well as everybody who is interested in learning about CTI's high-level education and achievements.

The system could quickly become a great platform for research and knowledge exchange for current CTI students as well as students from other universities with similar programs. Further the platform could attract interest and frequent visits of recruiters and industry people that are looking for skilled students for internships, individual projects, short term or even long term employment.

### 2.2 Product Features

For viewing the detailed information about product features and their visualization in form of wireframes we recommend to view the 'Project Wireframes & Diagrams' document.

### 2.3 User Classes and Characteristics

#### 2.3.1 Primary Users

##### Prospective Students

###### Computer and Internet skills:

- Can be computer and internet novice, expert, casual or frequent user

###### Needs:

- Search for the most suitable school
- Try to find the appropriate program for them

- Interested in gaining a better insight on individual programs and courses by viewing actual projects to get a more concrete idea of what will be the benefits of a course or program
- Browsing projects to view the quality of education of CTI

**Benefits:**

- Able to view the quality and professionalism of work within CTI's courses and programs
- Possibility to contact students within programs or courses of their interest to gather information

**Current Students (includes alumni)****Computer and Internet skills:**

- Have basic to expert computer and internet experience

**Needs:**

- Viewing work and outcomes of courses they are considering to enroll in order to better understand what the benefits of the course will be
- Browsing the platform to gain insight on what's going on in courses
- Browse for inspirations
- Get help from fellow CTI students with similar projects
- Contact students for advice about courses, instructors

**Benefits:**

- Get an accurate idea about the type of work (projects/assignments) that is done within courses of their interest
- Can use their displayed projects as reference for job applications
- Being displayed on the platform can become an honor for students and encourage them to give their best and motivate them to improve
- Viewing actual course projects supports students when deciding which course will meet her/her expectations and interests
- Can visually compare the outcomes of courses instead of just reading the sometimes rather "abstract" course descriptions
- Viewing fellow students' projects can become an inspiration and challenge students
- Knowledge exchange

**2.3.2 Secondary Users****CTI (admissions, assessment committees)****Computer and Internet skills:**

- Have basic to expert computer and internet experience

**Needs:**

- Attract prospective students and their parents
- Browse platform to view quality of students and education

**Benefits:**

- Presented student work could influence prospective students when deciding whether to attend DePaul as well as when deciding which program would best suit them
- The university could easily use the platform for assessment purposes in deciding whether programs are meeting expected standards
- The bandwidth of the displayed student work will present CTI's high quality teaching, progressive education and students' excellence
- The dynamic exchange and increasing content will draw users back to the CTI website

## Faculty

### Computer and Internet skills:

- Have basic to expert computer and internet experience

### Needs:

- Compare outcomes of courses in order to avoid overlaps and adjust curricula
- Browse student projects to control quality for program or course assessment issues

### Benefits:

- Great outcomes (student projects) within their courses reflects the quality and effectiveness of their teaching

## Industry (recruiters)

### Computer and internet skills:

- Have at least a basic understanding of computer and internet

### Needs:

- Visiting platform to view high class projects and students
- Obtaining the contact information of students they are interested in
- Interested in finding potential employees

### Benefits:

- Accessibility of good projects and students they might want to hire
- Can easily search for projects that may exhibit skills that are similar to what they are looking for
- Platform may become kind of a job fair for the displayed students

## 2.4 Operating Environment

Site shall at a minimum operate under the same hardware and software requirements that the CTI website adheres to.

## 2.5 Design and Implementation Constraints

### 2.5.1 Design Constraints

- The launch page for the Student Media Gallery is going to be implemented within the new CTI website and underlies the predefined page layout structure
- The visual design of the platform shouldn't violate the design standards of the new DePaul and CTI website

**2.5.2 Implementation Constraints:**

- Since the new CTI website will be built using Microsoft SharePoint, the gallery application should be compatible with the SharePoint software
- The storing space will be limited to the constraints of CTI's server capacity

**2.6 User Documentation**

- Basic online instructions will be provided to the user on the top of each page
- Further there will be also a [help] link on the bottom of every page
- Consent forms and information about copyright issues will be available either through links or as downloadable files

**3. Use Cases**

<i><b>Primary Actor</b></i>	<i><b>Use Cases</b></i>
All Users	Search for Project (includes viewing archived projects)
	View Details of a Project
Current Students	Upload Project
	Edit Saved Project
Instructor	Review and Approve/Reject Project (TBD)
Administrator	Review and Approve/Reject Project (TBD)

**3.1 Use Case 1**

<b>Use Case ID:</b>	1		
<b>Use Case Name:</b>	Upload Project		
<b>Created By:</b>		<b>Last Updated By:</b>	
<b>Date Created:</b>	8-18-07	<b>Date Last Updated:</b>	8-18-07

<b>Actors:</b>	Current Student, Current Faculty, Alumni
<b>Description:</b>	User provides the necessary information and uploads a project. Once the submitted information is reviewed and approved, the project will be presented in the CTI Student Gallery for the public to view.
<b>Trigger:</b>	Student or faculty decides if a particular project should be showcased to represent the high quality of education and talent at DePaul

<p><b>Pre-Conditions:</b></p>	<ol style="list-style-type: none"> <li>1. User navigates to the CTI Student Media Gallery site</li> <li>2. User selects “Launch CTI Student Media Gallery”</li> <li>3. User selects “How to Submit a Project”</li> <li>4. System loads the introduction page with text on how to upload their project and a login prompt.</li> <li>5. User logs in to system using his/her campusconnect user name and password.</li> <li>6. System authenticates user information             <ol style="list-style-type: none"> <li>6.1. If login information is incorrect, system prompts user to re-enter</li> <li>6.2. If user has forgotten his/her password, user clicks on “Forgot Password” link and receives an email with his/her password.</li> </ol> </li> </ol>
<p><b>Post-Conditions:</b></p>	<ol style="list-style-type: none"> <li>1. User will be taken to a confirmation page indicating that their project was successfully submitted and is awaiting approval.</li> <li>2. User will be prompted to either exit or submit another project</li> <li>3. Instructor of the course will be sent an email notifying them to review the submitted project</li> </ol>
<p><b>Normal Flow:</b></p>	<ol style="list-style-type: none"> <li>1.0 User is taken to Step 1 of the uploading process</li> <li>2.0 User enters in the required (and optional) information</li> <li>3.0 User selects “Save and Continue”</li> <li>4.0 System takes the user to Step 2 of the uploading process</li> <li>5.0 User enters required (and optional) project information</li> <li>6.0 User selects “Save and Continue”</li> <li>7.0 System takes the user to Step 3 of the uploading process</li> <li>8.0 User uploads images and files associated with the project</li> <li>9.0 User selects “Save and Continue”</li> <li>10.0 System takes the user to Step 4 of the uploading process</li> <li>11.0 User enters additional optional information about the project</li> <li>12.0 User selects “Save and Continue”</li> <li>13.0 System takes the user to Step 5 of the uploading process</li> <li>14.0 User reads all consent and copyright information and checks that that have read and agree to all the terms and conditions</li> <li>15.0 User selects “Save and Continue”</li> <li>16.0 System takes the user to Step 6 of the uploading process</li> <li>17.0 User reads all instructions on the submission process</li> <li>18.0 User clicks on preview project</li> <li>19.0 System displays the project in a pop up window for the User to preview</li> <li>20.0 User selects “Submit Project”</li> </ol>
<p><b>Alternative Flows:</b></p>	<ol style="list-style-type: none"> <li>3.1 User selects “Cancel Upload” to exit the project upload.</li> </ol>

	<p>3.1.1 System prompts User “Are you sure you want to cancel your upload”</p> <p>3.1.2 User selects “Yes” and the System loads a screen asking the User whether they would like to “Submit a New Project” or “Return to Gallery”</p> <p style="padding-left: 40px;">3.1.2.1 User selects “No” and the System takes the user back to Step 1</p> <p>3.2 User selects “Log out”</p> <p style="padding-left: 40px;">3.2.1 If User has not saved the information on the current screen, System prompts User to “Save and Continue” before logging out</p> <p style="padding-left: 40px;">3.2.2 If User has saved the current information, the System logs the User out and takes the User to the Student Gallery screen</p> <p>6.1 User selects “Back” to return to Step 1</p> <p>6.2 User selects “Cancel Upload” to exit the project upload.</p> <p style="padding-left: 40px;">6.2.1 System prompts User “Are you sure you want to cancel your upload?”</p> <p style="padding-left: 40px;">6.2.2 User selects “Yes” and the System loads a screen asking the User whether they would like to “Submit a New Project” or “Return to Gallery”</p> <p style="padding-left: 80px;">6.2.2.1 User selects “No” and the System takes the User back to Step 2</p> <p>6.3 User selects “Log out”</p> <p style="padding-left: 40px;">6.3.1 If User has not saved the information on the current screen, System prompts User to “Save and Continue” before logging out</p> <p style="padding-left: 40px;">6.3.2 If User has saved the current information, the System logs the user out and takes the User to the Student Gallery screen</p> <p>9.1 User selects “Back” to return to Step 2</p> <p>9.2 User selects “Cancel Upload” to exit the project upload.</p> <p style="padding-left: 40px;">9.2.1 System prompts user “Are you sure you want to cancel your upload?”</p> <p style="padding-left: 40px;">9.2.2 User selects “Yes” and the System loads a screen asking the user whether they would like to “Submit a New Project” or “Return to Gallery”</p> <p style="padding-left: 80px;">9.2.2.1 User selects “No” and the System takes the User back to Step 3</p> <p>9.3 User selects “Log out”</p> <p style="padding-left: 40px;">9.3.1 If User has not saved the information on the current screen, System prompts User to “Save and Continue” before logging out</p> <p style="padding-left: 40px;">9.3.2 If User has saved the current information, the System logs the user out and takes the User to the Student Gallery screen</p> <p>12.1 User selects “Back” to return to Step 3</p> <p>12.2 User selects “Cancel Upload” to exit the project upload.</p>
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	<p>12.2.1 System prompts user “Are you sure you want to cancel your upload?”</p> <p>12.2.2 User selects “Yes” and the System loads a screen asking the User whether they would like to “Submit a New Project” or “Return to Gallery”</p> <p style="padding-left: 40px;">12.2.2.1 User selects “No” and the System takes the User back to Step 4</p> <p>12.3 User selects “Log out”</p> <p style="padding-left: 40px;">12.3.1 If User has not saved the information on the current screen, System prompts User to “Save and Continue” before logging out</p> <p style="padding-left: 40px;">12.3.2 If User has saved the current information, the System logs the user out and takes the User to the Student Gallery screen</p> <p>15.1 User selects “Back” to return to Step 4</p> <p>15.2 User selects “Cancel Upload” to exit the project upload.</p> <p style="padding-left: 40px;">15.2.1 System prompts user “Are you sure you want to cancel your upload?”</p> <p style="padding-left: 40px;">15.2.2 User selects “Yes” and the System loads a screen asking the user whether they would like to “Submit a New Project” or “Return to Gallery”</p> <p style="padding-left: 80px;">15.2.2.1 User selects “No” and the System takes the user back to Step 5</p> <p>15.3 User selects “Log out”</p> <p style="padding-left: 40px;">15.3.1 If user has not saved the information on the current screen, System prompts user to “Save and Continue” before logging out</p> <p style="padding-left: 40px;">15.3.2 If user has saved the current information, the System logs the user out and takes the User to the Student Gallery screen</p> <p>19.1 User selects “Back” to return to Step 5</p> <p>19.2 User selects “Cancel Upload” to exit the project upload.</p> <p style="padding-left: 40px;">19.2.1 System prompts user “Are you sure you want to cancel your upload?”</p> <p style="padding-left: 40px;">19.2.2 User selects “Yes” and the System loads a screen asking the user whether they would like to “Submit a New Project” or “Return to Gallery”</p> <p style="padding-left: 80px;">19.2.2.1 User selects “No” and the System takes the user back to Step 6</p> <p>19.3 User selects “Log out”</p> <p style="padding-left: 40px;">19.3.1 If user has not saved the information on the current screen, System prompts user to “Save and Continue” before logging out</p> <p style="padding-left: 40px;">19.3.2 If user has saved the current information, the System logs the user out and takes the User to the Student Gallery screen</p>
<p><b>Exceptions:</b></p>	<p>3.0.E.1. If the User is missing some required information, the system will respond with an error indicating what information is missing</p> <p>6.0.E.1. If the User is missing some required information, the system will respond with an error indicating what information is missing</p>

	<p>8.0.E.1 If the file to be uploaded is larger then the maximum file size, System prompts the User with an error indicating file is too large</p> <p>8.0.E.2 If the User attempts to add more images then allowed (max number of images allowed TBD), the System will prompt the User that they have reached the maximum number of image uploads</p> <p>8.0.E.3 If the user attempts to upload an invalid file type (file types TBD), System will prompt the User that image file type is currently not accepted</p> <p>9.0.E.1. If the User is missing some required information, the system will respond with an error indicating what information is missing</p> <p>12.0.E.1. If the User is missing some required information, the system will respond with an error indicating what information is missing</p> <p>15.0.E.1. If the User is missing some required information, the system will respond with an error indicating what information is missing</p> <p>15.0.E.2 If the User does not check the “I Agree” boxes, System prompts User that in order to submit the project, all terms and conditions must be read and “I Agree” boxes checked.</p>
<b>Priority:</b>	HIGH
<b>Frequency of Use:</b>	This use case will be performed frequently throughout the school year.
<b>Special Requirements:</b>	Any information requested that already exists in campusconnect can be automatically input into the corresponding fields
<b>Assumptions:</b>	<p>Only CTI students and alumni with login information will be allowed to upload a project</p> <p>Projects being uploaded will have an associated image that can be uploaded with the project description</p>
<b>Notes and Issues:</b>	<ul style="list-style-type: none"> <li>- Will alumni have login capabilities?</li> <li>- Legal information, terms and conditions as well as consent forms needs to be researched and addressed</li> <li>- What will be the maximum number of images allowed per project?</li> <li>- What types of files will users be able to upload? (image files, pdfs, zip files)</li> <li>- How long will users be allowed to store a saved project? (10 days? indefinitely?)</li> <li>- If users get photo consent forms signed, do they have to submit them to someone?</li> <li>- What types of projects will be uploaded? Will there be projects that do not have images to upload? (i.e. software code)</li> <li>- Will the software choices only be those that are available on CTI computers or will it be a more exhaustive list?</li> </ul>

### 3.2 Use Case 2

<b>Use Case ID:</b>	2		
<b>Use Case Name:</b>	Search for a Project using Search Functionality		
<b>Created By:</b>		<b>Last Updated By:</b>	
<b>Date Created:</b>	8-18-07	<b>Date Last Updated:</b>	8-18-07

<b>Actors:</b>	Current Student, Prospective Student. Current Faculty, Recruiter
<b>Description:</b>	User can utilize the search functionality to find for a particular set of projects within the database. The result is a list of projects that match the set criteria. This allows users to sift through the project efficiently.
<b>*Trigger:</b>	<ul style="list-style-type: none"> <li>- A student is interested in seeing the type of coursework produced in the class he/she is interested in registering for</li> <li>- A student would like to see the type of work their colleagues are producing</li> <li>- A prospective student is interested in a particular program and would like to see the type of work that is produced</li> <li>- An instructor would like to see the type of projects that are being produced by other faculty members</li> <li>- A recruiter is interested in hiring some students from DePaul and would like to see if there are any students that have the skills required for a position</li> </ul> <p>*This list is by no means exhaustive but is intended to give the reader an idea of the types of events that could potentially initiate this use case</p>
<b>Preconditions:</b>	<ol style="list-style-type: none"> <li>1. User navigates to the CTI Student Media Gallery site</li> <li>2. User selects "Launch CTI Student Media Gallery"</li> <li>3. System opens up a new window with the Student Media Gallery page loaded</li> </ol>
<b>Post-Conditions:</b>	<ol style="list-style-type: none"> <li>1. System displays a list of projects based on the assigned criteria</li> <li>2. User can click on a project to view the details of the project</li> </ol>
<b>Normal Flow:</b>	<ol style="list-style-type: none"> <li>1.0 User selects "Human Computer Interaction" under the "Program" drop down menu</li> <li>2.0 User selects "John Smith" under the "Instructor" category</li> <li>3.0 User selects "Start Search"</li> <li>4.0 System displays all the projects that fit the criteria listed</li> </ol>
<b>Alternative Flows:</b>	<ol style="list-style-type: none"> <li>1.1 User selects "John Doe" from the "Student Name" drop down menu</li> <li>1.2 User selects "HCI 422 – Digital Page Formatting" from the "Course #/Name" menu</li> <li>1.3 User selects "Masters Degree" from the "Degree" drop down menu</li> <li>1.4 User selects "Spring 2006" from the "Term" drop down menu</li> </ol>

	<p>1.5 User selects “3D Animations” from the “Category” drop down menu</p> <p>1.6 User selects “Adobe Photoshop” under “Software Used”</p> <p>3.1 User selects “Reset”</p> <p>    3.1.1 System resets all the search drop down menus</p> <p>4.1 User selects “Student Last Name” in the “Sort the following list by...” drop down menu.</p> <p>    4.1.1 System sorts the displayed projects by the students’ last names</p>
<b>Exceptions:</b>	N/A
<b>Includes:</b>	Use Case 3 – View Details of a Project
<b>Priority:</b>	HIGH
<b>Frequency of Use:</b>	This use case will be performed frequently throughout the school year.
<b>Special Requirements:</b>	The system will query all submitted projects for information to populate drop down menus
<b>Assumptions:</b>	<p>The system can apply the search criteria and display the projects in a timely manner</p> <p>The system can render all images in a timely manner</p>
<b>Notes and Issues:</b>	<p>- What will the types of categories be?</p> <p>- Will all the terms be by quarter? Can users search by year?</p>

### 3.3 Use Case 3

<b>Use Case ID:</b>	3		
<b>Use Case Name:</b>	View Details of a Project		
<b>Created By:</b>		<b>Last Updated By:</b>	
<b>Date Created:</b>	8-18-07	<b>Date Last Updated:</b>	8-18-07

<b>Actors:</b>	Current Student, Prospective Student. Current Faculty, Recruiter
<b>Description:</b>	Projects are displayed on the Student Media Gallery screen. Users may click on the individual projects to view more detailed information on the project
<b>Trigger:</b>	- A user finds a project that interests them and wants to get some more information on the project
<b>Pre-Conditions:</b>	<ol style="list-style-type: none"> <li>1. User navigates to the CTI Student Media Gallery site</li> <li>2. User selects “Launch CTI Student Media Gallery”</li> <li>3. System opens up a new window with the Student Media Gallery page loaded</li> </ol>
<b>Post-Conditions:</b>	<ol style="list-style-type: none"> <li>1. User can navigate to the next or previous project in the list</li> <li>2. User can return to main gallery page to search under another filtering criteria</li> </ol>
<b>Normal Flow:</b>	<b>1.0</b> User clicks on the thumbnail or project title associated with the project

	<p><b>2.0</b> System loads the a page with a detailed view of that project</p> <p><b>3.0</b> User reviews the project description and other information associated with the project (student name, links, downloads, software used, contact information)</p> <p><b>4.0</b> User can flip through the the carousel of images associated with the project</p> <p><b>5.0</b> User selects “Return to Project List” to return to the full listing of projects</p>
<b>Alternative Flows:</b>	<p>3.1 User selects one of the associated links to the project</p> <p>    3.1.1 System opens up a new browser window or tab and transfers user to the linked webpage</p> <p>3.2 User selects one of the “downloads” (i.e. a .pdf or .zip file) associated with the project and saves it to his/her desktop to open and view</p> <p>3.3 User decides he/she wants to contact the author of the project and selects the student’s CTI email address under “contact”</p> <p>    3.3.1 System opens up emailing software to allow the user to send the author an email</p> <p>3.4 User selects “course name” to view details of the course</p> <p>    3.4.1 System loads the CTI website (in the primary window) with the detailed description of the course</p> <p>3.5 User selects “instructor” to view details on the instructor of the course</p> <p>    3.5.1 System loads the CTI website (in the primary window) with the profile of the instructor</p> <p>4.1 User can view a larger version of the images by clicking on the thumbnails</p> <p>    4.1.1 System opens up image in a new browser window</p> <p>5.1 User decides to scroll navigate through the list of projects by clicking “previous project” or “next project”</p> <p>    5.1.1 System takes user to the detailed view of either the next or previous project</p>
<b>Exceptions:</b>	<p>3.1.E.1 The links associated with the projects may (in time) no longer be valid.</p> <p>3.3.E.1 The author’s contact information (email) may (in time) no longer be valid.</p> <p>3.4.E.1 A course may no longer be offered.</p> <p>3.5.E.1 An instructor may no longer be teaching at the university</p>
<b>Includes:</b>	Use Case 2 – Search for a Project using Search Functionality
<b>Priority:</b>	HIGH
<b>Frequency of Use:</b>	This use case will be performed frequently throughout the school year.
<b>Special Requirements:</b>	n/a

<b>Assumptions:</b>	The system can render all images in a timely manner All information will have been reviewed by the instructor of the course and an administrator of the site before posting
<b>Notes and Issues:</b>	- We need to determine how large the associated images will be?

## 4. Interface Requirements

### 4.1 User Interfaces

- Aesthetic and minimalistic design - focus should be on projects
- Clear page structure
- Following common online design standards for page design elements
- Error and dynamic feedback messages will always appear in dialog boxes
- Consistency and standardization by using fonts, graphics and colors
- Needs to fit in the new CTI website GUI
- Consistent presentation of projects in structure and layout

Also review the 'Project Wireframes & Diagrams' document for sample wireframes of the CTI – Student Media Gallery platform.

## 5. Other Nonfunctional Requirements

### 5.1 Performance Requirements

- Projects pages should load quickly, minimal waiting times
- Users should always be aware of the state they are in
- Users should be able to go back and forth between pages
- Automated download or opportunities to download required software
- System should provide appropriate feedback on user actions

### 5.2 Legal Requirements

- Copyrights of the displayed projects is the property of students
- Links to consent forms and waivers will be provided and required when necessary (people in photos, music, images)
- Every student needs to sign a form assuring that the project doesn't contain any illegal data (copyright music, images, quotes, copy or other media files)
- Statement indicating the work represents views of the students and not of the university (external links are not associated with the university)
- Moderator/instructors will approve all content before being published

## 5.3 Security Requirements

- Avoid displaying high-quality data, all images and media files should be compressed
- Copyright notes provided with every project
- Students will have to sign a form that CTI is not responsible for data that's been copied by third parties
- Protection of student contact information (from phishing)

# 6. Other Requirements

## 6.1 Usability Requirements

### Effective to use

- Once users explore the quality and value of the presented information, they will come back

### Efficient to use

- Platform allows users to easily and quickly carry out searches and find the information they are looking for
- Advanced search capabilities

### Easy and quick to learn

- Navigation is based on common web standards and self-explanatory
- Layout is clear, minimalistic and consistent

### Product provides good utility

- Users can achieve what they want to achieve
- Content and provided data meets users' expectations

### Easy to remember

- If users used the platform once they easily recognize the navigational principles when they come back a second time, if they haven't at first time

## 6.2 Maintainability Requirements

- Templates assure easy and quick maintenance
- System will be able to communicate with already existing CTI databases to pull data from them
- Project upload wizard guarantees quick and easy handling
- Site needs to be compatible with CTI's content management system MS SharePoint

# 7. Future Developments

- Uploading and displaying the actual student project files instead of just screenshots or images
- Adding and implementing a user comment feature

## 8. Appendix A: Glossary

<b>Acronyms</b>	<b>Definition</b>
CTI	Computer Science, Telecommunication and Information Systems
GUI	Graphical User Interface
TBD	To Be Determined

## 9. Appendix B: Survey Forms

### 9.1 Initial Questionnaire for Faculty:

#### about your person:

- what major(s) are you teaching?

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- would you like the possibility to present your student course work/projects on the CTI website?

yes       no

- what kind of student projects/assignments in your courses could be interesting for other current or prospective students? *(please, provide a short description)*

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#### common questions:

- what kind of information would be most interesting for you on that platform? *(more answers possible)*

- course name
- short course description
- major
- degree
- student name
- student details (start & graduation date, etc)
- student email
- project name
- short project description
- relevant image
- instructor
- instructor email
- creation date
- category
- more detailed information, images, movies, website, etc. if needed

something else?

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• if you would be interested in viewing student work and projects - how would you do it?

would you browse randomly?

would you search by specific fields like... *(more answers possible)*

- degree
- major
- course
- instructor
- project
- category (animation, 3d animation, web design, software, etc.)
- other:

---

• would you view only the most current or would you like to be able to view older projects as well?

only most current

older projects as well

• how many projects per course would you like to see?

1-3

3-5

5-8

• who is in charge what projects will be featured on the website?

- instructor
- instructor + students together
- only students in the specific course
- independent jury (faculty/alumni/students)
- other ideas?

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• how often should the projects be changed?

at the beginning of every quarter (4 times a year)

monthly (less projects per month)

## 9.2 Initial Questionnaire for Students

### about your person:

- what is your major?

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- would you like the possibility to present your course work/projects on the CTI website?

yes       no

- can you remember some of your courses and projects that would be interesting for current and/or prospect students? what kind of courses/material? *(please, provide a short description)*

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### common questions:

- what would you expect to see and read about on an online platform that presents student work?

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- what kind of information would be most interesting for you on that platform? *(more answers possible)*

- course name
- short course description
- major
- degree
- student name
- student details (start & graduation date, etc)
- student email
- project name
- short project description
- relevant image
- instructor
- instructor email
- creation date
- category
- more information, images, movies, website, etc. if needed

something else?

---

---

• if you would be interested in viewing student work and projects - how would you do it?

would you browse randomly?

would you search by specific... *(more answers possible)*

- degree
- major
- course
- instructor
- project
- category (animation, 3d animation, web design, software, etc.)
- other:

---

• would you view only the most current or would you like to be able to view older projects as well?

only most current

older projects as well

• how many projects per course would you like to see?

1-3

3-5

5-8

• who should pick what projects will be shown on the website?

- instructor
- instructor + students together
- only students in the specific course
- independent jury (faculty/alumni/students)
- other ideas?

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