UI acceptance test document

**Acceptance Tests**

The goal for UI testing was to implement some end-to-end testing so the team could run through the most common situations a user might face when interacting with the application. The table below outlines tests to determine if our application was meeting the basic criteria we set for it and each of the tests outcomes.

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| What does it test? | Testing methodology | What qualifies as passing? | Signature and Comments |
| 1. Is the public able to view information about past projects and search for a specific project? | Try to view projects via the website without being logged in. Try and find a specific project by searching by keyword, cohort, title, and company client. | A user is able to navigate to the Project Dashboard website, is not prompted to log in, and is able to see project tiles on the homepage. When a project tile is clicked on, the user should be able to read the description of the project, see the general information, and view the PDF poster. Only projects that meet the specified criteria should appear when a search is taking place. | Users are able to find specific projects by searching for a keyword, title, team name, semester, course number and faculty advisor name.  Projects are not searchable by cohort, company or client  Sofia Gonzalez, 5/11 |
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| 1. Can students login and submit projects? | In a system with several test users of all types, attempt logging in with one of the student logins.Try uploading a project with necessary fields for project submission. | There is a API call return that indicates the user logged in with correct credentials. Once logged in, the user should be able to navigate to the submit project page where upon entering all the fields, they should be able to submit this project. After the submit button is pressed, the user should be notified in some way that their submission has gone through and on the backend, an API call should return a valid response. The student user should then be able to see this project in their submissions but not on the home page. When they click on this submission, they should not be able to delete or modify it. The user should be able to go between the main Project Dashboard where they can complete all the tasks of test 20, the submit project page, and the page where they can see their submissions. | Yes, students are able to login and submit projects to be approved by the admin.  There are the applicable error messages if a project is not submitted correctly. If correct, there is an alert that tells the user the project has been submitted and they are then redirected to the student dashboard.  If students have the wrong login they will not be able to enter the site.  Student are unable to view their previous submissions.  They can navigate to the Project Dashboard, Student Dashboard and submit page.  Sofia Gonzalez, 5/11 |
|  |  |  |  |
| 1. Can administrators view submitted projects and approve them? | In a system with several test users of all types, attempt logging in with one of the admin logins.Try viewing and approving a project submission. | There is a API call return that indicates the user logged in with correct credentials. Once logged in, the user should be able to navigate to the submitted project page where the user can view all previously entered fields and approve or deny the submission. After the approve button is pressed, the user should be notified in some way that their submission has gone through and on the backend, an API call should return a valid response. The admin user should then not be able to see this project in their waiting projects page but only on the home page. When they click on this submission, they should not be able to delete it. The user should be able to go between the main Project Dashboard where they can complete all the tasks of test 21, the submit project page, and the page where they can approve/deny submissions. | Yes. On the admin dashboard in Project Management admins are able to see projects of different statuses. When a user clicks on the “Approve” button of project card in queue, an alert pops up and changes the status of the project from In Queue to published, making it visible on the project dashboard for the world to see.  -Ronaldo Zavala, 5/11 |

**Improvement**

In order to ensure our product is useful, and successful along the way, the following tests, depicted in table seven, will be conducted in order to outline the system in place at the moment, showcase how our system will improve on inefficiencies, and provide goals to aim for in order to objectively declare success. Time estimations, and processes described, were kindly provided by Jess.

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| --- | --- | --- | --- |
| Admin | | |  |
| Task | Current System | What we aim to achieve | Signature and Comments |
| How many tools and applications does QUEST currently use to manage and distribute finished projects? | 1. Students write project overviews and create final posters and submit via ELMS 2. Projects are then added to the QUEST Conference portfolio (made in Publisher) 3. Projects are then uploaded to the conference portfolio website 4. They are also added to the Google Drive and separated by company | The project dashboard will be where all QUEST projects live. Projects will be uploaded to the dashboard which then will allow administrators to be able to refine, interact, and distribute them directly from within the site. | The Qubit dashboard allows students to submit projects, and admins to vet those projects and allow them to be visible to the public. The distribution of projects directly from the site is not possible at the moment.  -Ronaldo, 5/11 |
| How much time, and what resources are used, in order to show a specific project to a client? | 1. Navigate to the QUEST Conference portfolio, or project Google drive 2. Manually combine relevant projects into a single PDF by searching for keywords in portfolio PDFs   **Estimated Time: 15 mins** | Through the use of our API and database admin will be able to search for projects by the many features that make it up, get results respective to that search, and distribute them directly from within the site.  **Expected Time: 3 mins** | In order to show a specific project to a client a user could send a link of the website to the client where they can then explore, and refine, projects in order to find projects they are interested in.  -Ronaldo, 5/11 |
| How much time, and what resources are used, in order to access a finished project an alumni worked on? | 1. Identify which cohort the alumni belongs to   *If they were in QUEST after 2008:*   1. Navigate to the QUEST conference portfolio 2. Search for alumni name within the respective portfolio PDF   **Estimated Time: 5 mins**  *If they were in QUEST prior to 2008:*   1. Navigate to the Archives folder in QUEST Google drive 2. Manually search for relevant document   **Estimated Time: 10-15 mins** | The team seeks to achieve a consolidated experience in pulling up projects by being able to search by name from within our project display.  **Expected Time: 5 mins** | The current website does not allow for search by user information.  -Ronaldo Zavala, 5/12 |
| How much time, and what resources are used, in order to direct a client to a listing of all projects done by QUEST students of a specific cohort? | 1. Navigate to the QUEST Conference portfolio, or project Google drive 2. Send conference portfolio PDF for the semester respective to cohort   **Estimated Time: 5 mins** | The team seeks to expedite this process by providing an API that can provide data on students within any given cohort, and also provide data for projects done by all students in said cohort.  **Expected Time: 3 mins** | This is not possible in the current website.  -Ronaldo Zavala, 5/12 |
| How much time, and what resources are used, in order to search for projects involving a certain theme(tags)? | There currently is no way of filtering projects other than by company name, which only stem back a few semesters within the QUEST Google drive. If this were desired an admin would have to recall by memory relevant past projects, and reach out to other members of QUEST to see if they recall any more relevant projects.  **Estimated Time: 15+ mins** | Through the use of our API and database admin will be able to search for projects by the many features that make it up, compile the results together, and distribute them directly from within the site.  **Expected Time: 5 mins** | Through our project dashboard admin are able to filter through projects based on their industry.  -Ronaldo Zavala, 5/12 |
| How satisfied are you with the system? | The current system does not fully satisfy the needs of QUEST admin. Some desired functionality include the ability to search by student name, company name, and project themes, as well as being able to pull PDFs and compile them together based on search results. | The team seeks to achieve satisfaction from admins when they use our system. The team wants QUEST to have all of the tools they need, while also providing a user interface that is appeasing both visually, and functionally. | Not tested  -Ronaldo Zavala, 512 |
| Users | | |  |
| Task | What we aim to achieve | | Signature and Comments |
| How much time, and what resources are used, in order to submit a project? | We aim to achieve a system that clearly indicates what fields and items of data are needed to submit a project in order to have a well dissected product to extract information from. Our submission process will involve a page where project information is input into text boxes, and where relevant documents can be uploaded. | | The project submission page for students is clear and outlines all the fields that must be included when submitting a project. There are appropriate error messages when there is an error with the system or a field was not included in the submission. Projects are always marked as status 0, being in-progress so the Admin can approve them.  -Sofia Gonzalez, 5/11 |
| How likely are you to recommend this system to a friend? | The team aims for this system to be widely accepted within QUEST and for it to be recommended within its programs. | | Not tested  -Ronaldo Zavala, 512 |
| How satisfied are you with the system? | The team seeks to achieve satisfaction from users when they use our system. The team wants QUEST to have all of the tools they need, while also providing a user interface that is appeasing both visually, and functionally. | | Not tested  -Ronaldo Zavala, 512 |