# Product Backlogs and User Stories:

This document intends to list all the product backlogs. For each task a short user story describe and clarify the objectives.

**Browse student Work:**

Upon first visiting the site, anonymous and undefined members would see the discover page, which displays a randomly sorted collection of projects. On this page the user would be able to expand a sidebar, which they could use to filter the projects through a variety of fields (such as department, category). Through the sidebar they can also switch to browsing profiles. Any projects or profiles on this page can be clicked on and viewed. A signed-in member can also bookmark projects/profiles here.

**View specific project:**

A project can be reached by clicking on the project icon anywhere it exists (discover page, profile page, portfolio, assignment). There would be two project views, one would be just the project with it’s title and the owner’s name, the other would be a full view that would include the project assessment criteria (personal and class). The full view would allow the viewer of the project to expand a section with complete contextual information. The only difference between the project owner and the non-owner view would be that the project owner would have the option to edit the project and view the projects full assessment information. A signed-in member can also bookmark the project when viewing it.

**View specific profile:**

A profile can be reached by clicking on the profile icon anywhere it exists. A profile shows information about the member (department, about me section, etc), a profile picture, and (for viewing a profile other than your own) a “Contact” link. A student profile would display the student’s most recent projects and portfolios. A faculty profile would show the faculty’s courses. Viewing your own profile would also add the ability to edit it and view your bookmarks. The profile information will be arranged by sections, such as: personal info, academics, bio, classes, and contact info for students. A signed-in member can also bookmark the profile when viewing it.

**View specific portfolio:**

A portfolio can be reached by clicking on a portfolio on a student’s profile. A portfolio would show all of the projects that have been sorted into that portfolio, any description and contextual information, and the portfolio owner would be able to edit their portfolio from within it. A signed-in member can also bookmark the portfolio when viewing it.

**Search for items (work, profiles…):**

Any keyword (project name, tags, profile names, etc) could be typed into the search bar and clicking search would bring the user to the discover page which would only include items that fit the search term(s).

**Register to the system:**

An anonymous user would be able to click a link that would begin the registration process. First it would require selecting the member type and a MaineStreet ID (and validation of it). Then it would require an e-mail address, a password, and information about the user that would change depending on the type of member they are (undefined, student, faculty).

**Authentication:**

Upon first creating an account, members would be prompted to validate their account through a link sent to their e-mail address. Anonymous users with accounts would be able to log-in by entering their e-mail and password.

**Edit Profile:**

Any member would be able to edit their profile information (department, about me section, contact info, etc) by visiting their profile and clicking the “edit” button on the section of their profile that they would like to change.

**E-mail:**

The user at this point will have navigated to the desired profile linked with the project they found interesting. Since the user may want to get in contact with the project creator for any circumstance an E-Mail icon would appear under the desired profiles contact section. Upon clicking the E-Mail icon the user would be provided the email address of the desired profile so that they could quickly copy and paste it into their desired e-mail service.

**Create a member profile:**

A member profile would function differently than that of a student or faculty profile. The member profile is a barebones, simplified version of both the student and faculty. After registering successfully the user would login to the website. They would then have the chance to create a simple profile by entering in information in multiple form fields. The questions would range from:

1. First Name / Last Name
2. Address, City, State
3. E-Mail
4. Phone Number
5. Short Bio
6. Interests

**Create a faculty profile:**

Once a user has registered as a student, the next step would be to create a profile. A student would fill out standard profile information, as well as their department and interests (tags). They would then have the option of adding a profile picture, after which they would see a preview of their profile that they have the option to edit before they hit submit.

**Bookmark:**

Bookmarking would require the user to click a bookmark icon which would appear next to the desired project, portfolio, or profile the user would like to bookmark. After bookmarking, the result would turn up in the member’s bookmark page.

**Provide feedback:**

If a member would like to provide feedback on a specific user’s project they would have the ability to provide specific feedback directly related to what the project owner would like to hear. Basically, the project owner would specify questions they would like to hear feedback on and these are what any member would be able to provide feedback on. There is no form of general comments throughout the entire portfolio system.

**Delete account:**

The member would navigate to their settings for their profile and in a dropdown menu under settings one of the sections would be a specific “Delete Account and Profile” so that deleting accounts from the system is quick and easy for the user to find and execute.

**Share/promote work:**

This would consist of two methods. One would be through a hyperlink to a specific project, profile, or portfolio (sharing). The other would be social media buttons that will be located on projects, profiles, and maybe portfolios (promoting).

**Create a class:**

Faculty users can create a group within the Portfolio System for one of their classes. They can add students into it (or potentially students can be auto-added if the system can access Maine Street class rosters). Once the class is set up within the system the faculty can give assignments and assessments to the class. Previously used classes are saved and can be reused for current/future terms.

**Create an assignment:**

Within a class, faculty can create an assignment and assign it to the enrolled students. Students fulfill the assignment by posting their work (project) to the class group. Assessments can be attached with assignments. Additionally, previous assignments are saved for the faculty to reuse.

**Create an assessment:**

Faculty can create custom assessments for their assignments. Assessments consist of any number of Sections, and Sections contain any of three different items: Questions (requiring written feedback), Ratings (a scale of 1-10 rating, with optional comment field) and Evaluation (with customizable multiple choices – e.g. “Good/Fair/Poor” - and optional comment field). Assessments are saved and can be reused for other assignments. For group assignments sections can be defined as group sections, which make it so that when a group member assesses their own project, they get a different set of assessments. Students can complete a similar process for their individual projects, but they only have one section. Also, depending on whether a project is a work-in-progress or complete the assessment type would change (WIP gets comments only, complete can get ratings and evaluations).

**Manage class:**

After a class has been created, faculty can add or delete students from the roster, create or delete assignments and assessments and edit all fields.

**Manage assignment:**

Faculty can edit assignment description, start and end dates, and visibility within the class. They can also view all submissions and send notifications (via email) to enrolled students.

**Manage assessment:**

Faculty can edit assessments, add and subtract sections or individual items, and change visibility.

**Review assessment:**

Faculty can see all assessments and view a summary page of the entire class. Ratings and Evaluation items can be sorted and ranked.

**Create a student profile:**

Once a user has registered as a student, the next step would be to create a profile. A student would fill out standard profile information, as well as their department, major, minor, year, and interests (tags). They would then have the option of adding a profile picture, after which they would see a preview of their profile that they have the option to edit before they hit submit.

**Create a project:**

A student has a variety of avenues to begin the project creation process (the toolbar, the student homepage, within a portfolio, within an assignment). The process begins with adding contextual information (project name, term, dept., category, tags, etc) including the project status (in-progress or complete) and what portfolio it should be sorted to/created in. Depending on how the student started creating the project, some information might be automatically completed and some options might be disabled. The student can then add content to the project, arrange that content how they like, and performing minor editing on some parts of the project. The user would then be brought to a page where they can see a preview of their project and add assessment to it, including linking assessment questions to different parts of the project. The last step asks the user if they are ready to publish the project. At any point after the context step, the user can save the project so that they can come back and make changes before publishing.

**Create a portfolio:**

A student would be able to create a portfolio from the “my work” section of the toolbar at the top of the screen. The portfolio would have certain fields that need to be filled out, such as the context of the portfolio, the department, the categories and tags used for filtering searches. Students can add specific projects to the portfolio upon creation.

**Manage a project:**

By going into their work section (my work on the toolbar or the landing page of the site when logged in as a student) students will be able to manage (edit) their projects. This would entail changing the description, categories, and uploaded media of the project as well as any other fields filled in and created upon project creation.

**Manage a portfolio:**

The ability to manage (edit) a portfolio would also be accessible from the “my work” section of the toolbar located at the top of the page. You could also select the portfolio from within a project contained within the portfolio. Managing a portfolio would allow the user to change the context of the portfolio (description) along with the category and tags (etc) and other fields filled and created upon portfolio creation. Managing a portfolio would display to the user a list of projects included within the portfolio. From this display the user can select projects to delete and projects to move from the portfolio. The user would also be able to add projects to the portfolio which are not currently within its context.

**Add personal assessment to project:**

The student would have the ability to add personal assessments and comments to their project for responses from other members of the system. Comments would require the user (the owner of the project) to ask a specific question related to the project such as “How could I improve on \*\*\*\*?” These questions would be used to receive constructive feedback on aspects that the user finds important as related to their project. Creating an assessment would allow the user to ask for a rating in predefined fields such as “creativity” and “quality.” Assessments created by the user would require other members of the system to give a number rating (1-10) on each section as well as provide a space for feedback on that particular criterion.

**Submit project to assignment:**

The user would be able to access the list of their classes from their “my classes” section in the toolbar at the top. In this section would be a list of all of the assignments (both complete and incomplete) for the class. The user (student) can then click on an assignment to upload a project and finish the assignment.

**Join a class (I modify a bit the title of this one to be more general):**

The user (student) will be able to search under the classes section for specific classes to which they want to be manually added. They can then select a class and click “add” and wait for the pending approval (made by the faculty member owning the class group).

**Provide class assessment:**

Students will be able to provide assessment for assignments that exist within any classes that the student is a part of. The assessments would be defined by the faculty who administers the class, and each student in the class would have to complete the same number of assessments. Students will only be able to view ratings/evaluations (no comments) on projects that they do not own, their own project they would be able to see all assessment results for (unless the faculty disables the visibility settings). If the assignment is a group assignment, the students might also have a separate group assessment that they will complete for their own project.

**Review class assessment:**

Faculty would be able to view all completed assessment items (comments, ratings, and evaluations) for any projects in the classes that they own. Faculty can also adjust the assessment settings (what assessments there are and who can see them). Students can view completed assessments based on what visibility settings the faculty has selected.

**To Do:**

UML diagram:

Database Schema:

Draw the last wireframes:

Mockups:

Validate all the wireframes:

Discuss Categories (and anything else there are questions about):