

URSell

A place for students to buy, sell, or even barter with other students and university members. They can sell their old textbooks, buy a new couch, even earn some money for tutoring. URSell is the place to advertise and search for all of these.

Functional Requirements

Each requirement here is roughly divided by each website page, detailing what is needed from the user and what is provided.

Home Page

- Basic information about the site and its goals will be stated here, while showcasing some of the content available on the site. It will also give users an option to sign-up or login.

User Sign-up

- Users must provide the following information to sign up to the site:
- Unique username
- Password (at least 8 characters, with one alpha character and one numeric character)
- Email ending in @uregina.ca (with an option to be validated later)
- Optional photo

User Login

Users must provide their:

- Username
- Password

to properly log in to use the website.

User Profile

- The following information about specific users will be shown here:
- Username
- Email (optional)
- Previous posts
- User photo
- About user

Post Page

Here will contain all current posts made by users. They will be separated by categories, and each post will contain:

- Title
- User
- General Description (with optional hashtags)
- Photo
- Comments
- Contact info

In-site Email

Since it is crucial for users to communicate privately with each other, we will provide an in-site email (similar to that in UR Courses) for users to communicate. Since users will also have their @uregina.ca emails, we will offer email notifications for this feature as well.

Software Qualities

The most important quality for our website is user-friendliness. We want users to easily find any content they are looking for, so we will offer a quick, easy-to-navigate website with many categories and a simple search.

Because we want a user-friendly website, we will also consider a lot of interface design and aesthetics when building the website. Any site that is visually appealing also becomes easier to use.

Lastly, we aim to practice general security precautions, such as input cleansing and password hashing.