

Group 7 Implementation Checklist - Phase 3

GUI:

- ☐ Home page
- ☐ Listing creation form
- ☐ Account registration/user login page
- ☐ Aesthetically pleasing UI
- ☐ Menu located at the top of each page for navigating between pages
- ☐ The home page shows the active listings
- ☐ Listings contain a thumbnail of the book, its name, condition, and asking price
- ☐ The account registration and user login systems are on the same page
- ☐ The login system requires the user's husker email and password
- ☐ The signup system requires the user's UNL email (for registration), username, password, and secondary email (for communication).
- ☐ On the signup page, first and last name are optional

Logic Layer:

- ☐ When someone adds a listing, a script runs that deletes posts older than 45 days
- ☐ Sends all information inputted at the GUI layer to the data access layer for storage

Data Access Layer

- ☐ Breaks down the objects from the logic layer and sends them to the correct tables and fields
- ☐ Also takes data from the MySQL database and turns it into C# objects
- ☐ Additional useful methods including:
 - ☐ Check Unique Username
 - ☐ Check Unique Husker Email
 - ☐ Delete Listing by Date
 - ☐ Insert, Get, Delete Listing
 - ☐ Get all Listings
 - ☐ Insert, Get, Delete User

Database

- ☐ Contains a table with the account information for the users of the application, including their username, email, and hashed password.
- ☐ Contains a table for listings that links the users table and the books table using foreign keys and has additional information like price, date posted, and condition.