

SYSTEM REQUIREMENTS



Student Off-Campus Housing App: Unilink

Company

XOD (Extraordinary OO Designers) Inc.

Team Members

Zezen Xu
Weicong Dong
Dacheng Li
Etsu Nakahara
Guangzheng Zhang
Yijiu Zhong
Chunan Huang
Wenxuan Huang
Shijie Ji
Wenshuo Li

Project Manager
Database Specialist
Algorithm Specialist
Senior System Analyst
Software Development Lead
Database Specialist
Business Analyst
Software Architect
Quality Assurance Lead
User Interface Specialist

Customer Priority Legend

1 - High Items

with this priority are vital for basic functionality. These items are “must haves”

2 - Medium Items

with this priority are secondary functions. These items are “should haves”.

3 - Low Items

with this priority are not necessary, but are nice. These items are “could haves”.

Implemented Status Legend

Planned

These items are planned to be implemented in the future.

In-Progress

These items are in the progress of implementation.

Implemented

These items have been implemented.

Canceled

These items have been decided to cancel

SR A1 User Sign-Up
Project priority: 1
The system shall allow user to create new account with email and password.
Status: Implemented
UC A1

SR A2 User Sign-In
Project priority: 1
The system shall allow user to login with their registered email and password or using google account.
Status: Implemented
UC A2

SR A3 User Log-Out
Project priority: 1
The system shall allow user to log out from current account.
Status: Implemented
UC A3

SR A4 Password Recovery
Project priority: 2
The system shall allow user to reset their password through link sent to registered email.
Status: Implemented
UC A4

SR A5 Change Password
Project priority: 2
The system shall allow signed-in user to change their password of their account.
Status: Implemented
UC A5

SR A6 Edit Personal Profile
Project priority: 1
The system shall allow user to edit their personal profile.
Status: Implemented
UC A6

SR A7 View User's Profile
Project priority: 1
The system shall display user profile containing user information.
Status: Implemented
UC A7

SR H1 Create New Posts
Project priority: 1
The system shall allow the user to create a new post containing their housing information.
Status: Implemented
UC H1

SR H2 View Housing Posts
Project priority: 1
The system shall display the housing posts created by all users.
Status: Implemented
UC H2

SR H3 Edit My Housing Posts
Project priority: 1
The system shall allow the user to edit information in their posts.
Status: Implemented
UC H3

SR H4 Delete My Housing Posts
Project priority: 1
The system shall allow user to delete posts they created in the past.
Status: Implemented
UC H4

SR H5 Add Housing Posts to My Favorite
Project priority: 2
The system shall allow users to save post to their favorite list.
Status: Implemented
UC H5

SR H6 View Favorite Housing List
Project priority: 2
The system shall allow users to see favorite list of posts that they saved.
Status: Implemented
UC H6

SR H7 Remove Posts from Favorites
Project priority: 2
The system shall allow users to remove posts from their favorite list.
Status: Implemented
UC H7

SR H8 Sort Housing Posts
Project priority: 2
The system shall allow the user to sort the Housing posts in the order they like.
Status: Implemented
UC H8

SR H9 Set Filter
Project priority: 2
The system shall allow the user to set a filter to see only posts in which they are interested.
Status: Canceled
UC H9

SR H10 Search by Keyword
Project priority: 2
The system shall allow user to search post by entering keyword contained in post title.
Status: Canceled
UC H10

SR H11 View Recommended Houses List
Project priority: 3
The system shall provide the user a list of houses that the user may like.
Status: Canceled
UC H11

SR R1 Set Roommate Preference
Project priority: 2
The system shall allow the user to set information on their roommate preference.
Status: Implemented
UC R1

SR R2 Set Visible to Others
Project priority: 2
The system shall allow user to set their user information visible to other users.
Status: Implemented
UC R2

SR R3 View Recommended Roommates List
Project priority: 2
The system shall provide the user a list of other users as suitable roommates.
Status: Implemented
UC R3

SR R4 View Roommate Post
Project priority: 2
The system shall allow the user to see detailed information of another user as a roommate candidate.
Status: Implemented
UC R4

SR R5 Add People to Your Roommate List
Project priority: 3
The system shall allow user to save other users as current result of research for roommates.
Status: Canceled
UC R5

SR C1 Start a New Chat
Project priority: 2
The system shall allow the user to start conversation with other users and send messages.
Status: Implemented
UC C1

SR C2 Open Existing Chat
Project priority: 2
The system shall maintain a record of user's conversation with other users.
Status: Implemented
UC C2

SR C3 Clear Existing Chat
Project priority: 2
The system shall allow user to clear existing conversations.
Status: Canceled
UC C3