

## Student advice platform UAT test plan

### • 1.1 Objectives and Business Requirements

- Goal: Ensure the Student Advice Platform allows students to register, browse courses, join course chats, and receive advice smoothly.
- Success Measurement: 90% of users should complete key tasks like registration, course following and chatting without issues.

### 1.2 Scope of Testing

#### In Scope:

- User Registration/Login
- Profile Editing
- Course Browsing and Following
- Viewing Advice and Course Evaluations
- Instant Chat in Courses
- University Building Map
- Search Feature

#### Out of Scope:

- Admin dashboard functions
- Reports and analytics
- 

## 2. Testing Team

Name	Responsibility
Salman	Test coordinator, usability testing casing, write UAT test plan
Maha	Create test data, reports, design and testing.
Abdulrahman	Developer, fix bugs and issues
Munawir	Performs testing and reports

## 3. Milestones and Deliverables

### 3.1. Design & Testing Process

#### 1. Low-fidelity prototype

Wireframe link: <https://github.com/Abdulrahman-ALQawnas/Group-13-COMP2003/tree/main/Design%20Document> , see the following files: 2003 design first.pdf, s2 design 1.pdf, final design changes.pdf

#### Objectives and Business Requirements:

- Ensure the design meets all requirements
- Detect typos in texts
- Discovering missing requirements
- Discovering missing interfaces or components

### Scope of Testing:

- Home page
- signup page
- chat page
- courses page
- Advices and reviews page

### Testing Tasks:

#### 1. Home Page

Home	Courses	chat	Map	Sign in/signup
<div> <div>Uni badge</div> <div>Plymouth University guide website</div> </div>				
text		Image		
text		Image		

**Note:** No need to use text and images on the home page; just distribute the tabs better.

#### 2. Sign-up page:

Plym uni	Plymouth University guide website	back
<p><b>Sign up</b></p> <p>Email: <input type="text"/></p> <p>password: <input type="text"/></p> <p>Confirm password: <input type="text"/></p> <p><input type="button" value="Sign up"/></p>		

**Note:** Must contain more details about the student, such as: name, type (guest or Plymouth student), specialization, mobile, description.

### 3. Chat Page:

Home	Courses	chat	Map	Sign in/signup
john1 Q:				
Mike5 A:				
User10 Q:				
Hassan3 A:				
Harry0 A:				
Sal 1 Q:				
Luke4 A:				
John1 A:				
Chris3 Q:				
Mike5 A:				
User1 Q:				
Harry0 A:				


**Note:** Must contain a list of chatrooms that the student joined. after that show the chat messages. Also, need to include a send message form at the end of the chatroom page.

### 4. Courses:

Home	Courses	chat	Map	Sign in/signup
Engineering and Mathematics		Computer science		
business		Medical school		
psychology		Art, Design and Architecture		
Nursing and Midwifery		Society and culture		
Biomedical Sciences		Biological and Marine Sciences		
Institute of Health Sciences		Dentistry		

**Note:** The Course tab must be named Colleges; after choosing, it must show all college specializations. After choosing a specialization, the platform must show all the specialization's courses.

### 5. Advices and Reviews page:

Home	Courses	chat	Map	Sign in/signup
		Course: Computer science		
reviews		advice		
Henry:		user:		
Jake:		user:		
Henry Replying:		user:		
Henry:		user:		
Henry:		user:		
Callum:		user:		
mark:		user:		
Henry:		user:		

Note: Need to optimize the component distribution by using tabs for advices and reviews , when click advices tab , it will show canvas with all advices, and the same for reviews.

## Testing Results

Task	Pass(Y/N)	Time	Errors	Comments
Home page				
Sign-up page				
Chat page				
Courses page				
Advices and Reviews page				

## 2. High-fidelity design:

figma link: <https://www.figma.com/design/ilpvnSENLly5M3ECJHZo3l/Plymouth-University?node-id=0-1>

### Objectives and Business Requirements:

- Navigate between interfaces
- Access course chatroom
- Access course advices
- Use profile and notifications features

### Target Users:

New Students at Plymouth University

**Method:**

Moderated remote or in-person testing using the interactive Figma prototype.

**Testing Tasks:**

- Sign-up/signin
- Join to course chatroom
- send message in a chat
- View Course and its advices and reviews
- Access Profile and change user information

**Testing Results**

Task	Pass(Y/N)	Time	Errors	Comments
Sign-up/signin				
Join to course chatroom				
send message in a chat				
View Course and its advices and reviews				
Access Profile and change user information				

- **Deadline for Designs and Testing Process:**  
**April 30, 2025**

**3.2. Staging Environment**

- Accessible through vs code.
- Environment mirrors production (PHP Laravel, MySQL database).
- Preloaded colleges and courses.

**Deadline for environment setup: April 30, 2025.**

**3.3. Training**

Depending on the design file, the test will be executed with low to medium accuracy, so we need to train users on some basic concepts before starting the test:

Overview of the platform's purpose:

The platform is intended to support new Plymouth University students or those applying to the university, providing them with advice to help them choose courses. It also offers a live chat feature that enables them to initiate immediate inquiries with older students.

How to interact with Figma to navigate between pages:

You can click on screens and simulate typing.

The test will be conducted step by step, explaining whatever comes to mind and what they expect.

This test is a design test, not a performance test.

The test is based on the user's first experience, so any bias in the results should be avoided.

### **3.4. UAT Execution**

The logistical and practical steps that will be taken during the User Acceptance Testing (UAT) will be explained.

The process includes the following steps:

- Selecting a group of participants from the target audience (Plymouth University students).
- Introducing the participants to the platform and the test.
- Providing a brief explanation of the test method and how to use the design.

They are required to complete a series of previously identified tasks:

- Registering and logging in
- Joining the course chat room
- Sending a message to ask questions
- Viewing course tips
- Accessing the user profile

During the test, participants are encouraged to speak up and share their thoughts and any challenges they encounter during the test.

Observations that can be recorded:

- Successful completion of the task
- Time spent during the test
- Errors encountered

- User behavior during the test, including recording their observations and comments

A short survey can be conducted after the test is completed to collect participant feedback.

All results will be documented and analyzed, and any usability issues will be identified and executed into the design.

- Duration:  
May 2–May 5, 2025
- **Steps:**
  1. testers and verify UAT access.
  2. Execute test cases for registration, browsing, chatting, and map features.
  3. Log all issues and feedback daily.

**Deadline for Execution: May 5, 2025.**

### **3.5. Reporting & Data Analysis**

- Full analysis of test case results and bug reports.
- Prepare UAT report highlighting pass/fail rates, issues found, and final recommendation.

**Deadline for Reporting: May 6, 2025.**

## **4. Environment Requirements**

### **4.1 Hardware**

- Desktop or Laptop (2GB RAM)
- mobile for mobile responsiveness testing
- 1.8GHz dual-core processor

### **4.2 Software**

- Browser: Chrome, Safari
- Stable internet connection

## **5. Features to Be Tested**

### **5.1. Feature 1: Registration/Login**

#### **5.1.1. Pass/Fail Criteria**

**Pass:**

User successfully registers, and logs into the platform.

**Fail:**

Registration or login errors, missing confirmation, unable to access dashboard.

#### **5.1.2. Test Cases**

1. Open the Student Advice Platform.
2. Register a new account with valid credentials.
3. Confirm registration.
4. Login with new account.
5. Verify successful landing on the dashboard.
6. Check profile

## **5.2. Feature 2: Course Browsing and Chat Functionality**

### **5.2.1. Pass/Fail Criteria**

**Pass:**

User can browse colleges/courses and follow a course and participate in the chat.

**Fail:**

Navigation errors, chat messages not sent or not visible.

### **5.2.2. Test Cases**

1. Log into the platform.
2. Browse colleges and select a course.
3. Follow a course.
4. Enter course specific chat room.
5. Send a chat message and verify it appears.

## **5.3. Feature 3: Viewing Course Advice and reviews**

### **5.3.1. Pass/Fail Criteria**

- **Pass:**  
User can view advice notes and course reviews.
- **Fail:**  
Advice missing or wrong course advice shown.

### **5.3.2. Test Cases**

1. Follow a course.
2. Go to reviews and Advice section for that course.
3. Check that advice and reviews are displayed properly.

## **5.4. Feature 4: Chat page and replies.**

### **5.4.1. Pass/Fail Criteria**



- **Pass:**  
User can send and reply to messages in the chat page instantly.
- **Fail:**  
Chat message sending fails, delayed, or not displayed.

#### **5.4.2. Test Cases**

1. Enter the chat page.
2. Send a message Hello.
3. Confirm message appears immediately and is visible to others.
4. Reply to a message

### **5.5. Feature 5: Map of University Buildings**

#### **5.5.1. Pass/Fail Criteria**

- **Pass:**  
Map loads correctly and buildings are clickable.
- **Fail:**  
Map not loading or wrong building info.

#### **5.5.2. Test Cases**

1. Open the "Map" section.
2. Zoom in/out.
3. Click on a building.
4. Check if building info appears.

### **5.6. Feature 6: Search Functionality**

#### **5.6.1. Pass/Fail Criteria**

- **Pass:**  
Users can search courses successfully.
- **Fail:**  
Incorrect or no results for search.

#### **5.6.2. Test Cases**

1. Use search bar.
2. Search for a course name.
3. Confirm correct results appear.

### **5.7. Feature 7: Profile Editing**

#### **5.7.1. Pass/Fail Criteria**

- **Pass:**  
User can edit and save their profile data successfully.
- **Fail:**  
Changes not saved or errors appear.

#### **5.7.2. Test Cases**

1. Login to platform.
2. Open profile settings.
3. Update name, phone number, or password.
4. Save changes and re-login to confirm.

### **5.8. Feature 8: Notifications**

#### **5.8.1. Pass/Fail Criteria**

- **Pass:**  
User gets notification after receiving a chat reply or new advice.
- **Fail:**  
Notification not delivered or wrong notification.

#### **5.8.2. Test Cases**

1. Send a chat message or advice.
2. Trigger a reply from another user.
3. Confirm notification received inside the platform.

### **5.9. Features to Avoid Testing**

#### **5.9.1. Feature 1: Admin Panel**

- Admin dashboard to manage users, courses, and colleges (Not available).

## Signoff

I hereby accept this final product. (Yes/No)

A. Edwards

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(Signature)

**Client Name, Position, Organisation** Anthony Edwards, Client, Plymouth University

**Date:** 30/04/2015