

Assignment: Mobile Application Project Planning Using Taiga

Total Marks: 10

Tool Mandatory: Taiga

Type: Individual Work

Submission: PDF with Taiga Screenshots

Objective

Students must:

- Identify a real-world problem
- Propose a Mobile Application solution
- Plan the project using Taiga (Scrum)
- Demonstrate backlog creation, sprint planning, and change handling

This is a **planning-only assignment**. No coding required.

Assignment Instructions

Step 1: Define Your Problem (1 Mark)

Write clearly:

- Problem Statement (5–6 lines)
- Target Users
- App Name
- Platform (Android / iOS / Cross-platform)

Example domains:

- Attendance tracking
- Budget management
- Fitness tracking
- Event management
- Campus services
- Appointment booking

Step 2: Create Project in Taiga (1 Mark)

Create a new project in Taiga:

- Project Type: **Scrum**
- Enable:
 - Backlog
 - User Stories
 - Sprints (Milestones)

Project Name:

YourAppName-Agile-Planning

Take screenshot of project dashboard.

Step 3: Create Product Backlog (3 Marks)

Create **minimum 6 user stories**.

Format:

As a [user], I want to [action] so that [benefit].

For each user story:

- Assign Priority
- Assign Story Points
- Add Acceptance Criteria

Screenshot of complete backlog.

Step 4: Sprint Planning (2 Marks)

Create:

- Sprint 1 (2 weeks duration)
- Move 3–4 high priority stories to Sprint 1
- Break each story into tasks:
 - UI Development
 - Backend Logic
 - Testing

Screenshot of Sprint Board.

Step 5: Change Simulation (1 Mark)

Add one new requirement:

Example:

- Push notification
- Dark mode
- OTP verification
- Export report feature

Actions required:

- Create new user story
- Reprioritize backlog
- Assign it to Sprint 2

Screenshot showing new story and updated backlog.

Step 6: Short Reflection (2 Marks)

Write 150–200 words answering:

1. Why is Agile suitable for your mobile app?
2. How did Taiga help in planning?
3. What happens when requirements change?
4. What was challenging while using Taiga?

Final Submission Must Include

- Problem Statement
- Taiga Project Screenshot
- Backlog Screenshot
- Sprint Board Screenshot
- Updated Backlog (after change)
- Reflection Write-up

Submit as single PDF.

Evaluation Rubric (10 Marks)

Component	Marks
Problem Clarity	1
Proper Taiga Setup	1
Backlog Quality (6 stories with details)	3
Sprint Planning & Task Breakdown	2
Change Handling	1
Reflection Quality	2