

# **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