

**Assignment 6: Agile Project Planning - Create a one-page project plan for a new software feature using Agile planning techniques. Include backlog items with estimated story points and a prioritized list of user stories.**

Project Name: **Online Loan Application System**

**Project Goal:**

To develop an online loan application system for the banking institution, enabling customers to apply for loans conveniently through the bank's website or mobile app, streamlining the loan approval process and improving customer experience.

Backlog Item	Description	Story Points	Acceptance Criteria
User Story 1: User Registration	Implement user registration functionality	3	- Users can register for an account with valid personal and contact information
User Story 2: Loan Eligibility Check	Develop loan eligibility check feature based on user inputs	8	- System evaluates user inputs (e.g., income, credit score) to determine loan eligibility
User Story 3: Loan Application Form	Create loan application form with required fields	5	- Users can fill out and submit loan application forms with necessary information
User Story 4: Document Upload	Enable document upload feature for supporting documents	8	- Users can upload required documents such as ID proof, income statements, and property documents
User Story 5: Application Submission	Implement submission process for loan applications	5	- Submitted loan applications are stored securely in the database and queued for review by bank staff
User Story 6: Application Review	Develop review process for bank staff to evaluate applications	8	- Bank staff can review submitted loan applications, verify documents, and assess eligibility

Backlog Item	Description	Story Points	Acceptance Criteria
User Story 7: Credit Check	Integrate credit check feature to assess applicant's creditworthiness	8	- System retrieves and evaluates credit reports to determine applicant's creditworthiness
User Story 8: Approval Decision	Implement decision-making process for loan approval	8	- Loan approval decisions are made based on eligibility criteria, credit assessment, and risk evaluation
User Story 9: Loan Disbursement	Develop mechanism for loan disbursement upon approval	8	- Approved loans are disbursed to customer accounts or designated channels as per agreed terms and conditions
User Story 10: Notification System	Implement notification system for application status updates	5	- Users receive real-time updates via email or SMS regarding the status of their loan applications

### Prioritized User Stories:

User Story 1: User Registration

User Story 2: Loan Eligibility Check

User Story 3: Loan Application Form

User Story 4: Document Upload

User Story 5: Application Submission

User Story 6: Application Review

User Story 7: Credit Check

User Story 8: Approval Decision

User Story 9: Loan Disbursement

User Story 10: Notification System

### Notes:

Story points are assigned based on complexity, effort, and criticality to the loan application process.

Acceptance criteria ensure that each user story meets regulatory compliance and customer satisfaction requirements.

Agile methodology will be followed with iterative development, user feedback loops, and continuous improvement.