

FarmEasy Project: User Stories Timeline and Steps

Farmer User Stories

Epic-1: User Registration and Authentication

User Story 1.1

Timeline: 2 weeks

Steps: Design registration page -> Implement backend API -> Frontend integration -> Test

User Story 1.2

Timeline: 2 weeks

Steps: Design login page -> Backend login service -> JWT implementation -> Test

Epic-2: Browse and Search Agricultural Machinery

User Story 2.1

Timeline: 3 weeks

Steps: UI for browsing -> Backend search functionality -> Filter options -> Testing

User Story 2.2

Timeline: 2 weeks

Steps: Implement filter options -> Integrate with frontend -> Test

User Story 2.3

Timeline: 2 weeks

Steps: Machine details page -> Connect to database -> Display information -> Test

Epic-3: Rent/Buy Agricultural Machinery

User Story 3.1

Timeline: 3 weeks

Steps: Rent functionality -> Payment integration -> Test

User Story 3.2

Timeline: 3 weeks

Steps: Purchase functionality -> Payment gateway -> Test

Epic-4: Insurance and Loan Eligibility

User Story 4.1

Timeline: 3 weeks

Steps: Insurance eligibility page -> API connection -> Test

User Story 4.2

Timeline: 3 weeks

Steps: Loan eligibility page -> API integration -> Test

Epic-5: Awareness of Modern Agriculture Practices

User Story 5.1

Timeline: 4 weeks

Steps: Create content page -> Connect resources (videos, articles) -> Test

Seller User Stories

Epic-1: User Registration and Authentication

User Story 1.1

Timeline: 2 weeks

Steps: Registration page -> Backend API -> Test

User Story 1.2

Timeline: 2 weeks

Steps: Login page -> Backend service -> Test

User Story 1.3

Timeline: 2 weeks

Steps: Implement OTP login -> Backend integration -> Test

Epic-2: User Profiles

User Story 2.1

Timeline: 3 weeks

Steps: Seller profile page -> Backend setup -> Test

Epic-3: Rent/Sell Agricultural Machinery or Crops

User Story 3.1

Timeline: 3 weeks

Steps: Machinery listing -> Payment integration -> Test

User Story 3.2

Timeline: 3 weeks

Steps: Crop listing -> Payment setup -> Test

Epic-4: Managing Listings and Inventory

User Story 4.1

Timeline: 2 weeks

Steps: Inventory management -> Frontend integration -> Test

User Story 4.2

Timeline: 2 weeks

Steps: Availability management -> Backend logic -> Test

Admin User Stories

Epic-1: Admin Dashboard Management

User Story 1.1

Timeline: 4 weeks

Steps: Design dashboard -> Integrate analytics -> Display recent transactions -> Test