**Sprint 2 Tasks (2-4 Weeks)**

**Objective**: Extend the login functionality by refining authentication, implementing additional UI components, and completing database setup.

**Tasks:**

1. **Complete Backend-Frontend Integration**
   * Integrate backend authentication APIs with the frontend login page.
   * Ensure redirection to the landing page after successful login.
2. **Landing Page Development**
   * Implement the landing page UI post-login.
   * Include navigation and basic dashboard elements.
3. **Test Login and Registration for User**
   * Verify login functionality with different user roles.
   * Test new user registration and authentication validation.
4. **Database Setup** 
   * Implement database schema in Mongo.
   * Set up necessary collections, relationships, and data constraints.
5. **Testing Infrastructure Setup**
   * Test environments setup for deployment validation.
   * Identify error handling and logging mechanisms.

**System Architecture & Dependencies**

* **Frontend:** React/Angular UI, interacting with authentication API.
* **Backend:** Node.js/Express handling authentication and user details.
* **Database:** Mongo
* **Deployment:** AWS/Firebase hosting with CI/CD automation.
* **Dependencies:**
  + Authentication API must be integrated before login testing.
  + Database setup should align with backend API.
  + CI/CD pipeline should automate frontend and backend deployments.