**Hospital Patient Management System**

**Work Breakdown Structure (WBS)**

**Level 1: Project**

* Hospital Patient Management System

**Level 2: Phases**

* Requirement Gathering
* Design
* Development
* Testing
* Deployment & Delivery

**Level 3: Tasks**

**1. Requirement Gathering (1 Week) – Khubaib Ahmed**

**Tasks**

* 1.1 Collect functional requirements
* 1.2 Define non-functional requirements
* 1.3 Prepare Software Requirement Specification (SRS)

**2. Design (2 Weeks) – Anosha Hafeez**

**Tasks**

* 2.1 Create wireframes in Figma
  + 2.1.1 Login screen
  + 2.1.2 Dashboard
  + 2.1.3 Appointment page
* 2.2 Define UI kit & color scheme
* 2.3 Design database schema with constraints (Primary & Foreign Keys)

**3. Development (3 Weeks) – Anosha Hafeez & Sarim ul Haq**

**3.1 Frontend Development**

* 3.1.1 Login & Signup pages
* 3.1.2 Dashboard interface
* 3.1.3 Appointment scheduling UI

**3.2 Backend Development**

* 3.2.1 User authentication logic
* 3.2.2 Appointment scheduling function (avoid double booking)
* 3.2.3 Billing module
* 3.2.4 Medical history management

**4. Testing (1 Week) – M. Umer**

**Tasks**

* 4.1 Unit testing of modules
* 4.2 Integration testing
* 4.3 User acceptance testing

**5. Deployment & Delivery (1 Week) – M. Farooq**

**Tasks**

* 5.1 Prepare deployment documents
* 5.2 Deploy system on server
* 5.3 Final project delivery & report

**Duration**

* Total: **8 Weeks**

**Roles Assigned**

* **PM:** M. Farooq
* **Designer + Frontend Dev:** Anosha Hafeez
* **Backend Dev:** Sarim ul Haq
* **Tester:** M. Umer
* **Requirement Gathering:** Khubaib Ahmed