**The deliverables of this assignment:**

1. Scope Statement
2. WBS Diagram (organized by product, phase, or hybrid)
3. WBS Dictionary

**What each deliverable is about:**

1. Scope Statement – A short document that clearly defines what the project is about, what’s included, and what’s not. It ensures everyone is on the same page about the app’s purpose, objectives, and major features.
2. Work Breakdown Structure (WBS) – A visual hierarchy that breaks the project into smaller, manageable tasks. It shows the key phases or components (like Planning, Design, Development, Testing, Launch) and their sub-tasks.
3. WBS Dictionary – A detailed table explaining each WBS item (task name, description, and who is responsible). It helps clarify responsibilities and ensures no task is missed.

**What professor has provided to complete this assignment:**

1. Lecture Slides
2. Project Scope Statement template, which is a simple table.
3. Three sample WBS diagrams

How the Project Scope Statement table may be filled out for our group’s work:

|  |  |
| --- | --- |
| Project Scope Statement | |
| Project title | MediBook: Health Professionals Appointment App |
| Date | Submission date to be typed |
| Project Manager | Assign a team member |
| Project Scope Description | The project involves developing a mobile application that enables patients to book, reschedule, and cancel healthcare appointments. The app will integrate with provider schedules, send reminders, and improve accessibility. |
| Project Objective | To reduce no-shows, improve scheduling efficiency, and provide a user-friendly digital solution for healthcare appointment booking. |
| Project high level requirements | 1. Mobile-friendly interface  2. Appointment booking & cancellation  3. Automated reminders & notifications  4. Secure user authentication & data privacy compliance  5. Calendar integration for real-time availability |
| In scope | - Mobile app for iOS & Android - User account creation & login - Booking, rescheduling, and canceling appointments - Notifications & reminders - Healthcare provider availability management |
| Out of Scope | |  | | --- | |  |  |  | | --- | | - In-person appointment booking - Direct medical diagnosis or consultation - Payment processing within the app | |
| Approved by | List team members |

A sample guide to draw WBS diagram for our group’s work:

**(Hybrid Approach: Product & Phase-Based)**

**1. Planning**  
1.1 Define project goals & scope  
1.2 Gather requirements from healthcare providers  
1.3 Research healthcare regulations (HIPAA, GDPR, PIPEDA)

**2. Design**  
2.1 UI/UX Wireframes  
2.2 Database schema design  
2.3 System architecture

**3. Development**  
3.1 Backend API Development  
3.2 Frontend Development (User Interface)  
3.3 Calendar Integration

**4. Testing**  
4.1 Internal Testing (Bug Fixes)  
4.2 User Acceptance Testing (Healthcare Providers & Patients)

**5. Launch & Deployment**  
5.1 Deploy to App Store & Google Play  
5.2 Marketing & User Onboarding

Any drawing platform can be used to draw this such as draw.io and LucidChart.

|  |  |  |  |
| --- | --- | --- | --- |
| **WBS ID** | **Task Name** | **Description** | **Owner** |
| 1.1 | Define Project Goals | Identify and document key project objectives. | Team Lead |
| 1.2 | Gather Requirements | Collect scheduling needs from healthcare providers. | Research Team |
| 2.1 | UI/UX Wireframes | Design user-friendly app screens and interface. | Designer |
| 3.1 | Backend API Development | Develop APIs for user authentication and booking. | Developer |
| 3.2 | Frontend Development | Build the mobile app interface. | Developer |
| 3.3 | Calendar Integration | Sync appointments with provider schedules. | Developer |
| 4.1 | Internal Testing | Identify and fix app bugs before user testing. | QA Tester |
| 5.1 | Deploy to App Stores | Submit and publish the app on iOS & Android. | Developer |
| 5.2 | Marketing & Onboarding | Promote app and provide user training. | Marketing Team |

Sample WBS Dictionary four group’s work: