

Product Concept Definition

Personas

- **Persona 1: Emma (Patient)**
 - **Demographics:** Age 32, employed, tech-savvy.
 - **Behaviors:** Prefers online scheduling, uses mobile apps for health management.
 - **Goals:** Quickly find and book appointments, easy check-in, minimal waiting times.
- **Persona 2: Dr. Harris (Healthcare Provider)**
 - **Demographics:** Age 45, general practitioner.
 - **Behaviors:** Needs efficient tools to manage patient flow.
 - **Goals:** Reduce administrative tasks, seamless access to patient appointment schedules.
- **Persona 3: Linda (Reception Staff)**
 - **Demographics:** Age 38, familiar with basic IT tools.
 - **Behaviors:** Manages patient registration and billing.
 - **Goals:** Streamline patient check-ins, efficient handling of payments and inquiries.

Main Scenarios

Based on the personas, here are the key scenarios that the system will need to support:

- **Scenario 1: Booking an Appointment (Emma)**
 - Emma logs into Φ -Patient, searches for a dermatologist at the nearest hospital, views available slots, and books an appointment.
- **Scenario 2: Patient Check-in (Linda)**
 - Linda uses Φ -Desk to check in arriving patients, verifies their details, and updates their status in the system.
- **Scenario 3: Calling Patients to Consultation (Dr. Harris)**
 - Dr. Harris uses Φ -Desk to view his daily schedule and Φ -Boards to call patients from the waiting room based on their appointment times and priority status.

Expected Epics

Group functionalities into epics that represent large areas of work:

- **Epic 1: Patient Management**

- Features related to patient profiles, appointment booking, and care file access.
- **Epic 2: Administrative Interface**
 - Features for registration, billing, and administrative tasks at Φ -Desk.
- **Epic 3: Information Display System**
 - Development of Φ -Boards for displaying patient calls and queue information.

Team Roles

Team Coordinator: Tiago Cruz

QA Engineer: Gonçalo Lopes

DevOps master: Rodrigo Graça

Architecture

SpringBoot