

Enrollment number : 23SOECE11081  
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## **❖ Wait Med – SRS Document**

### **1. Project Overview:**

Wait Med is a crowd-sourced mobile app that helps users check real-time hospital bed availability and crowd levels. Users receive location-based prompts to report hospital conditions, which helps others decide where to go in an emergency.

### **2. Key Features**

- User registration/login
- Location-based hospital list
- Real-time crowd and bed status updates (from users)
- Push notifications prompting users for updates
- Trust system to rate user contributions
- Simple, map-based dashboard

### **3. Users**

- General Users: Use the app to check hospital status or report data
- Patient Attendants: Frequently report real-time hospital info

### **4. Technical Requirements**

- Platforms: Android 8+ / iOS 12+
- Tech stack: Firebase or Node.js, Google Maps API
- Must use GPS and internet
- No personal medical data stored

### **5. Functional Requirements**

- Login/sign-up using phone/email
- Show nearby hospitals with live bed/crowd updates
- Submit report (e.g., beds available, crowd level)
- Notify users to contribute data
- View status on map/list
- Calculate trust score for accuracy

### **6. Non-Functional Requirements**

- Fast performance (<2s data load)
- Secure data handling (no sensitive info)
- Easy to use and multilingual
- Scalable for thousands of users

### **7. Future Plans**

- Emergency call feature

