# Demented Care IOT and Mobile App

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| Users | Functional requirements |
| App User (Admin) | * Login * Add a doctor. * Update a doctor. * Delete a doctor. * Add a nurse. * Update a nurse. * Delete a nurse. * Add a patient. * Update a patient. * Delete a patient. * Register an IoT GPS Tracker by scanning a QR code. * Remove an IoT Tracker. |
| App User (Doctor/Nurse) | * Login. * View Notifications. * Chat with Chatbot. * Check patient’s emotion by face. * Check patient’s emotion by voice. * Pair Health Checker IoT device by scanning a QR code. * Update patient’s medical condition using health checker output. |
| IOT Health Checker Device User (Doctor/Nurse) | * Turn On. * Turn Off. * Charge. * Connect sensor to check blood pressure. * Connect sensor to check heart rate. * Connect sensor to check Blood Oxygen. * Connect sensor to check Temperature. |

<non-functional Requirements>

--alarm activity

--video recording activity

--Qr scan activity