

VitalTracker

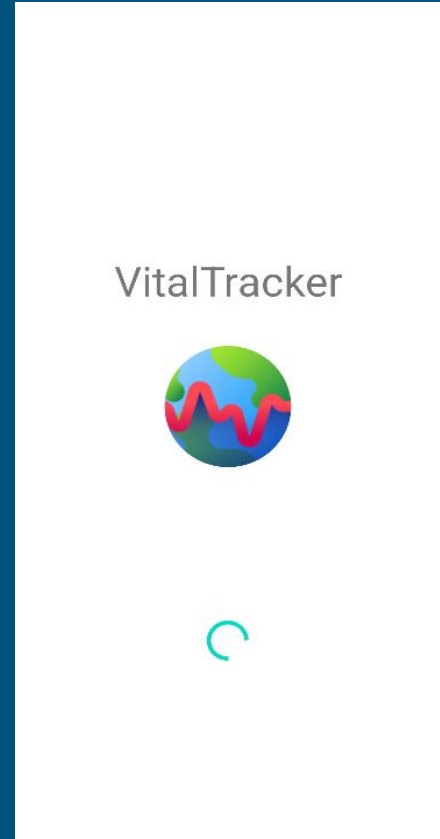
Smart Location Tracking Device

By Lifesaver Engineers

Group 10: Patrik Prenga (n01428752), Michael Carinci (n01480052), Jason Macdonald (n01246828), Nicholas Rafuse (n01440073)

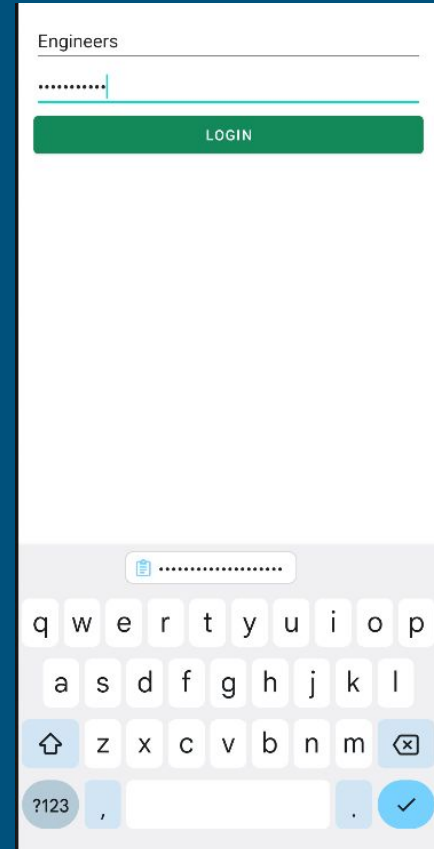
Splash Screen

- Opens on app startup
- Displays name, logo, progress bar
- Runs for 3 seconds
- Transitions to login screen



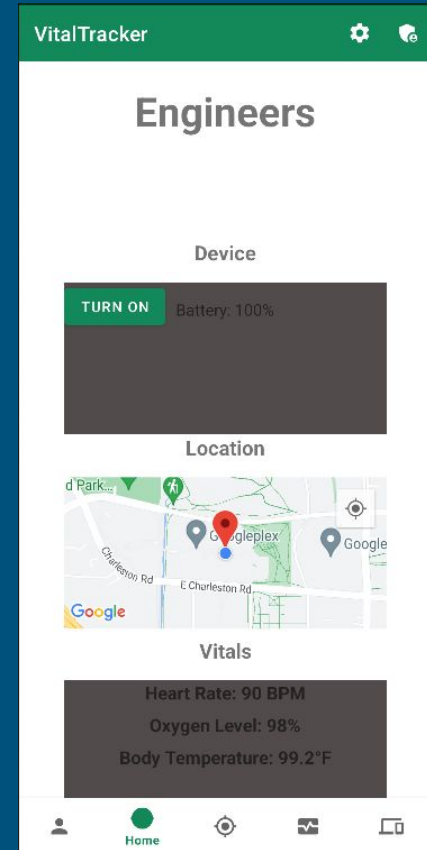
Login Screen

- Immediately after splash screen, user must login to continue
- User can enter any username, password will be validated
- Once password validation is correct, login button will send to home screen



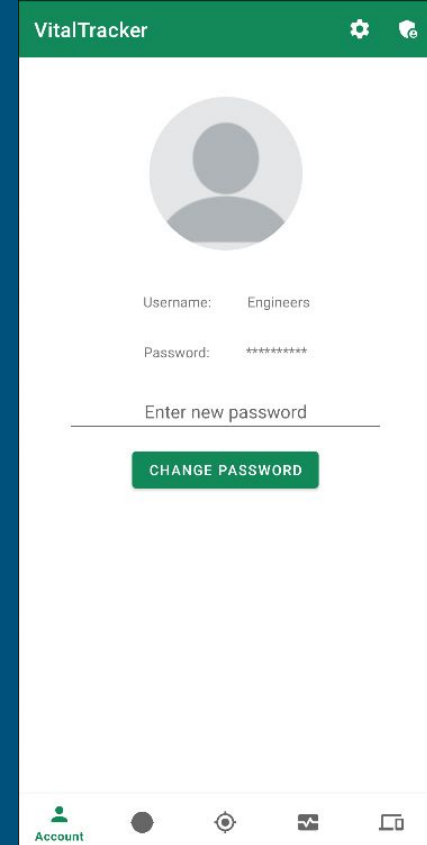
Home Screen

- Main app screen
- Shows quick visual screens for devices, current GPS location, and vitals
- Displays username
- All screens provide access to other screens using bottom navigation



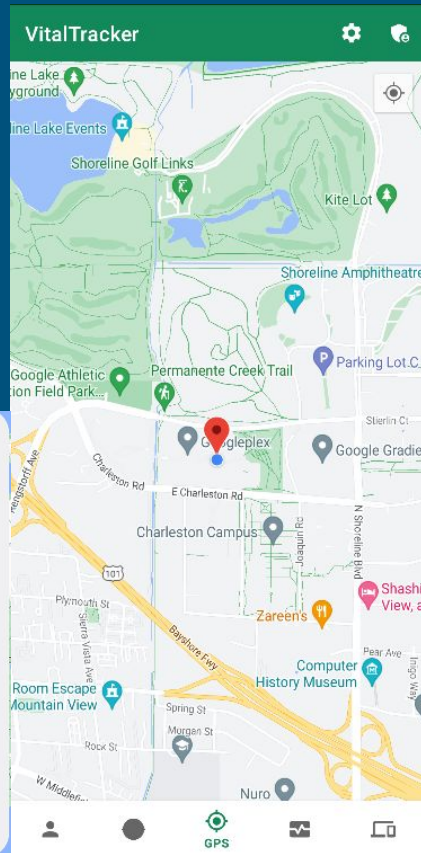
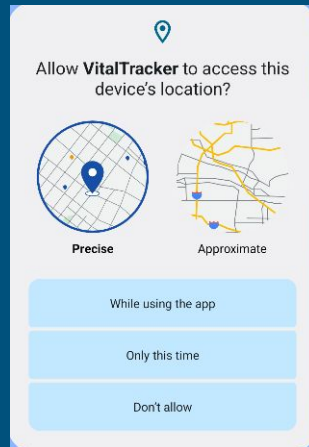
Account Screen

- Shows User Profile Picture
- Displays account username and password in a hidden field
- Allows user to change their current password



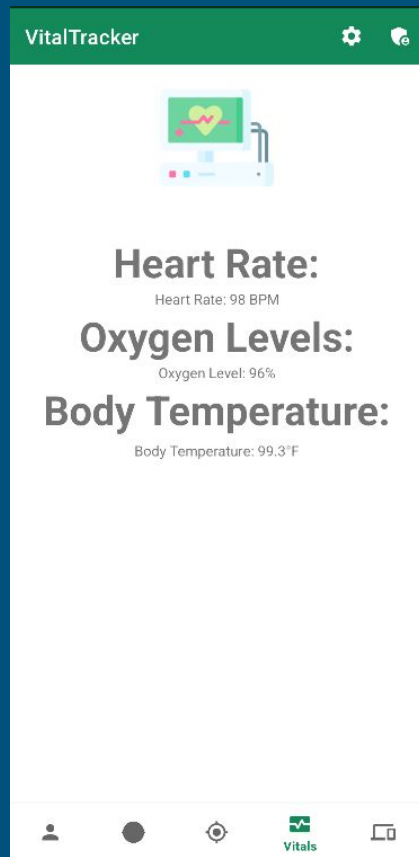
GPS Screen

- Real time location of device
- Live location updates
- Requests runtime permission upon first usage



Vitals Screen

- Continuous reading updates for heart rate, oxygen levels, and body temperature
- Displays notifications for significant changes



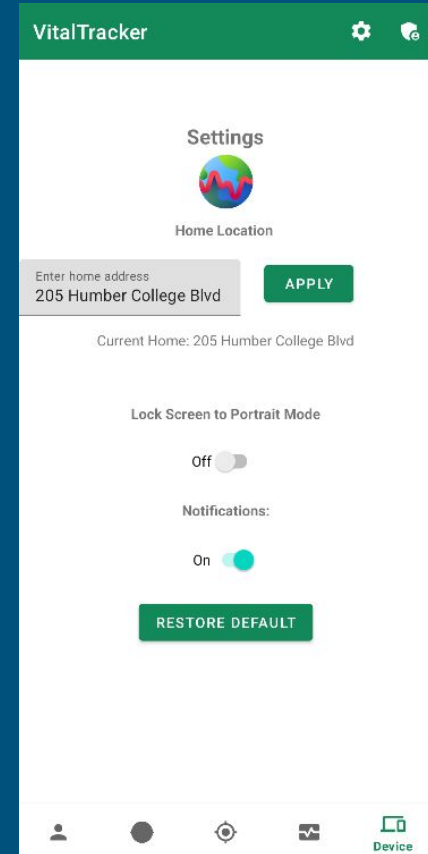
Device Screen

- Displays all devices that are connected to the app
- “Turn On” button to turn the device on
- Displays device battery level



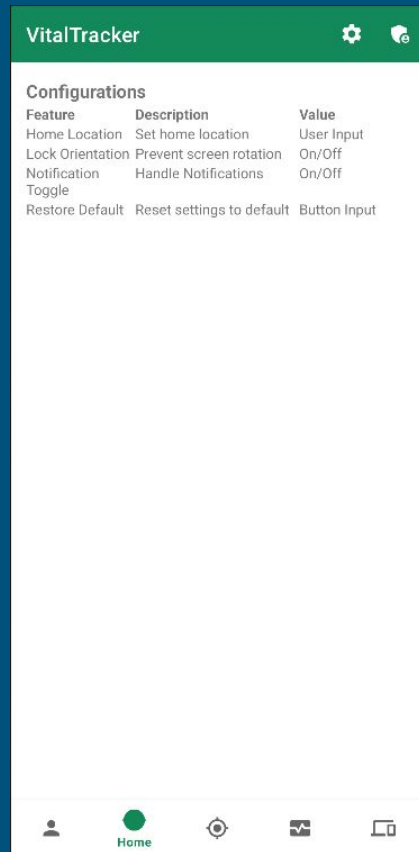
Settings Screen

- Sets and displays GPS home location
- Lock Display Orientation
- Push Notifications Toggle Switch
- Restore to Default button



Configuration Screen

- Describes what the user can do in the settings screen
- Detailed table of features, descriptions, and values



The screenshot shows a mobile application interface for 'VitalTracker'. At the top is a green header bar with the app name 'VitalTracker' on the left, a gear icon for settings in the center, and a user profile icon on the right. Below the header, the title 'Configurations' is displayed. Underneath is a table with three columns: 'Feature', 'Description', and 'Value'. The table contains five rows of configuration options. At the bottom of the screen is a white navigation bar with five icons: a person icon, a green circle labeled 'Home', a gear icon, a pulse line icon, and a tablet icon.

Feature	Description	Value
Home Location	Set home location	User Input
Lock Orientation	Prevent screen rotation	On/Off
Notification Toggle	Handle Notifications	On/Off
Restore Default	Reset settings to default	Button Input

Business Model Canvas










The Business Model Canvas

Designed for:
VitalTracker: Smart Location Tracking Device

Designed by:
Lifesaver Engineers

Date: October 10, 2023

Version:
1

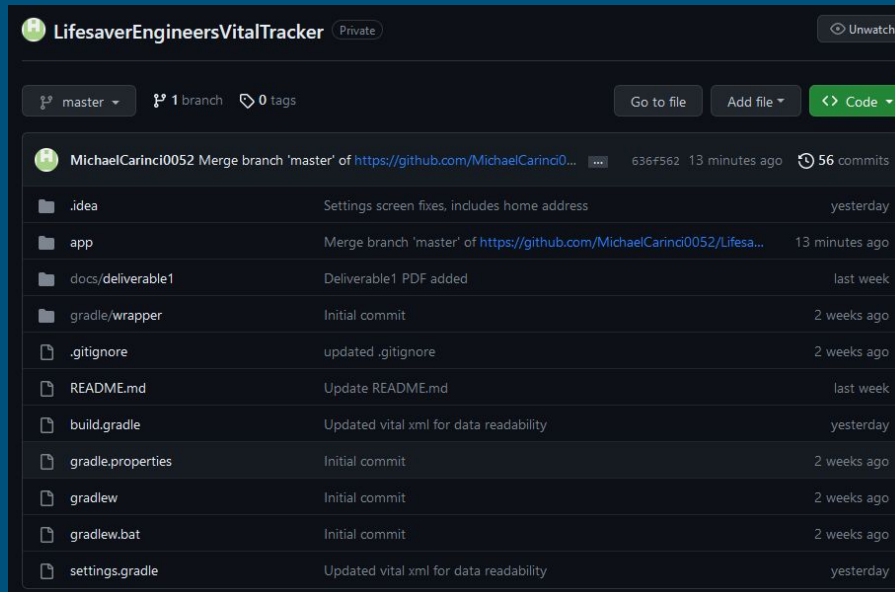
Key Partnerships  Schools Camping sites Retirement homes Pet store Local police departments Local firefighters Local hospitals	Key Activities  Promotes safety Immediate emergency response Key Resources  Clear signal Clear channels of communication with emergency services support Technology assets	Value Propositions  Helps parents track their children Assists the user finding a way home Real time health tracking Emergency services support	Customer Relationships  Peace of mind Safety Channels  Word of mouth Social Media Partnerships	Customer Segments  Parents Pet owners Camper/Hikers People with elderly parents
Cost Structure  Cost of sensors gps heartbeat sensor temperature sensor accelerometer Marketing Advertising fees Research and Development Software development Hardware development		Revenue Streams  Monthly subscription to unlock full features Profit off the sale of the device		

Sprint Dashboard

<https://patrikprenga21s-team.monday.com/boards/5308838000>

Github

- Storing project code and files
- Tracking each member's progress
- Creating branches



Gantt Chart

