CodeBlue

List Of Deliverables

Modular Phone App for Cardiac Arrest Detection

PREPARED BY

CPEN/ ELEC 491 Team JY-41

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Version 4.0

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1. Overview

This document provides an outline of the project deliverables that is agreed upon by both our team and our client, CanSAVE. The project deliverables specify what must be handed to the client at the end of the project in order to consider the project complete.

2. List of Deliverables

The following is a checklist of CodeBlue project deliverables:

- ☐ The Figma design for a mobile app with a simple and straightforward user interface that is easy to navigate for all users
- ☐ The APK file, source code, and tests for an Android mobile app that:
    - ☐ Streams and analyzes received heart rate data
    - ☐ Uses a lightweight algorithm to detect abnormal cardiac activity
    - ☐ Triggers an Emergency Procedure (EP) which includes calling Emergency Medical Services in the event of a cardiac arrest (CA)
    - ☐ Supports Bluetooth 5 connection
- ☐ Source code and documentation for cloud server that hosts a lightweight CA detection algorithm
- ☐ Documentation providing information about the features, usage, and design for the CodeBlue mobile app
- ☐ A user guide video for how to use the app and how it can help a CA patient
- ☐ Recommendations document outlining future tasks and additional features

3. Appendix

A. Team Roles

Name	Initials	Tech Lead	Management Lead
Akash Randhawa	AR	Frontend	
Emily Lukas	EL	Frontend	
Gurman Toor	GT	Design	
Sean Garvey	SG	Verification & Validation doc	Team and client communication
Stella Wang	SW	Requirements doc	

B. Report Contributions

Section	Major Content	Minor Content	Author	Reviewer
1. Overview		All	GT	All
2. List of Deliverables		All	GT	All

C. Deliverable Contributions

Deliverable	Major Design	Minor Design	Major Testing	Minor Testing
Frontend Figma design	All	All	All	All
1. App Component Library	All	All	All	All
1.1 Navigation	EL		EL	All
1.2 Splash screen	SG		SG	All
1.3 Onboarding flow	EL		EL	All

1.4 Emergency Protocol flow	SW		SW	All
1.5 Home screen	SG		SG	All
1.6 Settings flow	AR	GT	AR,GT	All
1.7 Add device flow	GT		GT	All