Software Implementation and Testing Document

For

Group <23>

Version 1.0

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1. Programming Languages

Java - Functionality of features/activities
XML - Physical appearance

2. Platforms, APIs, Databases, and other technologies used

Android Studio - integrated development environment for coding the application
Java API - packages to help develop functionalities
Firebase Realtime Database - NoSQL database for storing/syncing between users

3. Execution-based Functional Testing

Login page allows sign in and registration.
Profile page shows username.
Questionnaire allows for clicking through questions and recording "score".
User can send messages that are recorded in Firebase.
Motivational images are available.

4. Execution-based Non-Functional Testing

Takes about 2 minutes to finish execution.
Warnings, but none that interfere with compilation.

5. Non-Execution-based Testing

We did not perform non-execution-based testing.