# Armando:

## Sprint 1

Week 1

Started work on the app, all activities created (empty). Menu navigation works.

Week 2

Background classes for information sync created and working. Took longer than expected, less advancement due to migraines.

Week 3

Lots of advancement in dynamic information displays and background classes. Also created user stories.

Difficulties

GUI classes take much longer than expected. Usually a revision in one includes having to re-do another one or two, which create a necessity of revising another two, enlarging the work queue unexpectedly.

Also, some unforeseen migraines forced me to stop work mid-sprint for some time, which resulted in less time to complete the expected work.

At the end, I decided to postpone some of the GUI work to the next sprint as I made some advancement in background classes.

## Sprint 2

Week 1

Database connection research.

Week 2

Connection to the database stablished and Class diagram created. More data needs to be added to the database and the LogIn remains to be implemented.

Week 3

Stablished a methods to write and read data form the database. It is now possible to Log in and create users via the methods provided by firebase. A system to write and read insurance data is implemented.

Difficulties

Firebase accessing methods are multithreaded. Because they don’t implement other Java asynchronous classes it is not possible to be precise as to when they finish tasks. This was causing crashes in the app as data dependencies were not met, and it was difficult to solve without incurring in deadlocks.