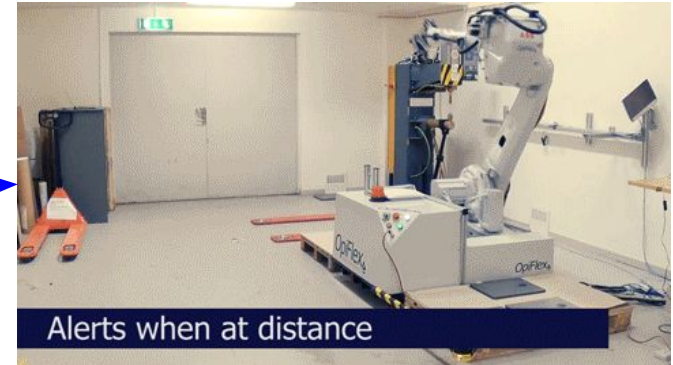# Robot Monitoring
Group 5

Presenters:
Erik
Viking
William

Who are we?

- Group 5
  - Pontus
  - Andreas
  - Elaheh
  - Naida
  - Noé
  - Viking
  - William
  - Erik
- Opiflex
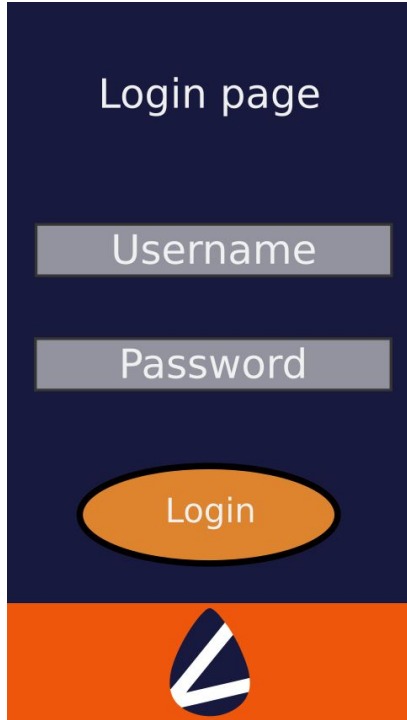- Our app

Alerts when at distance

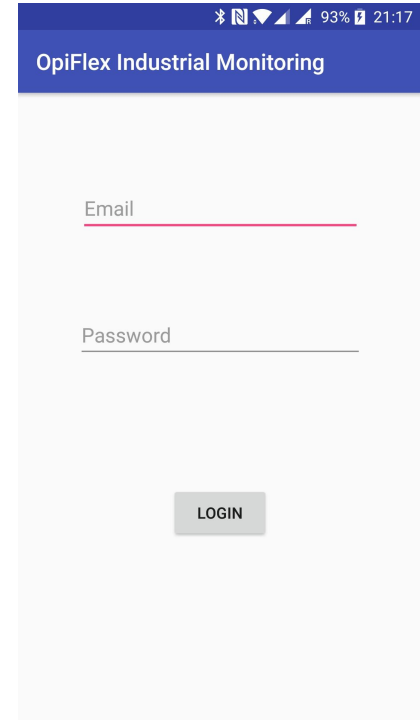

OpiFlex

We Move Automation

for increased productivity

info@opiflex.se   www.opiflex.se

Our app

Although less flashy than our original concept design, our app is fully functional
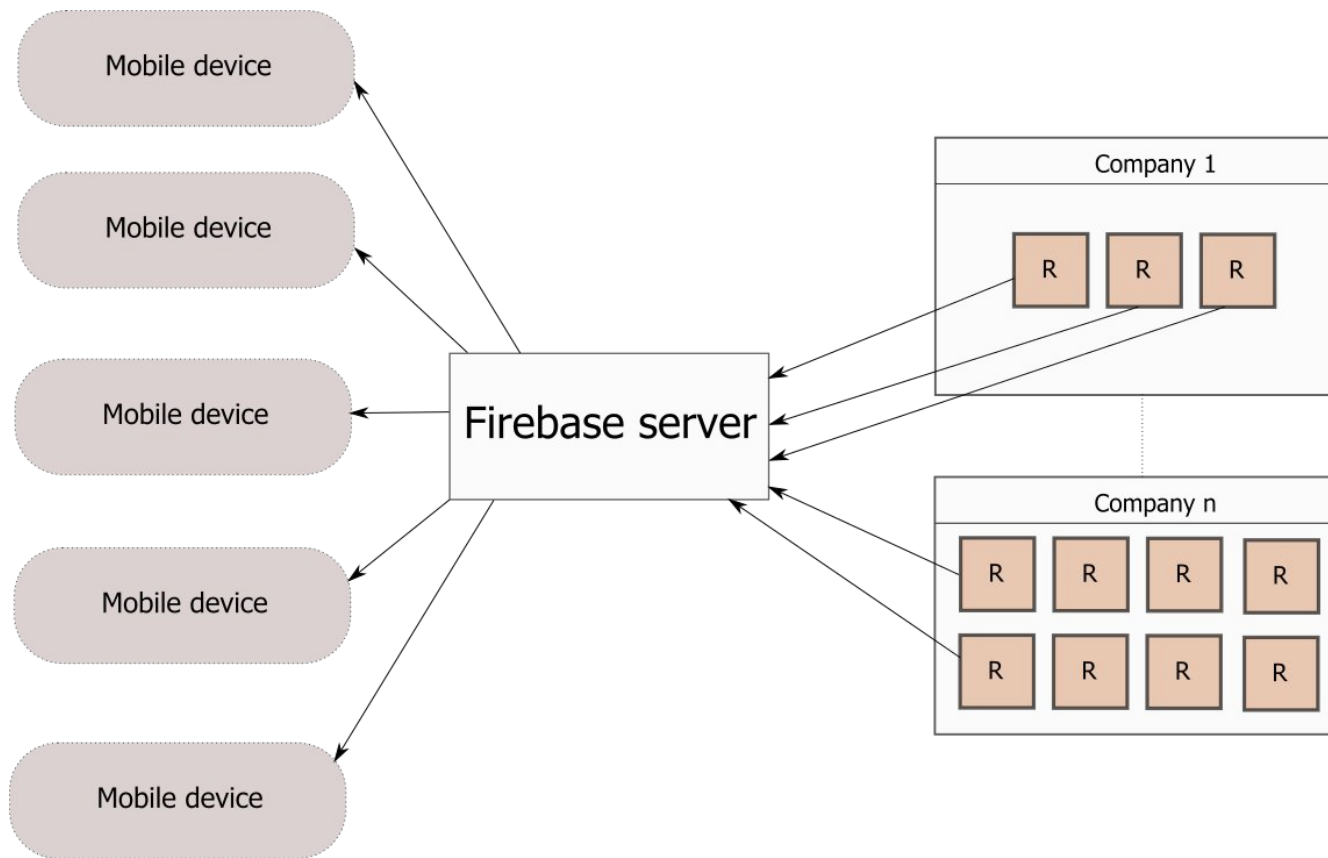
Requirements from client

Client Major Requirements:

- Login
- Push Notifications
- Present a list of general robot data
- Present a more detailed information about a robot
- Error log and modifications to logs
- Server

High Level Design

Were all the requirements fulfilled/implemented?
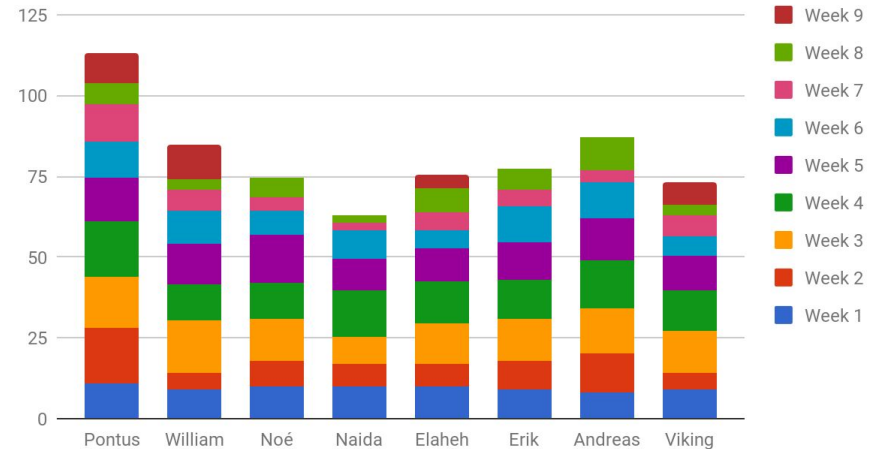
Not Implemented:

- Screenshot function
- Gamification
- Administrator Role

Activities and Worked Hours

General:

- Requirements
- Project Documents
- Presentations
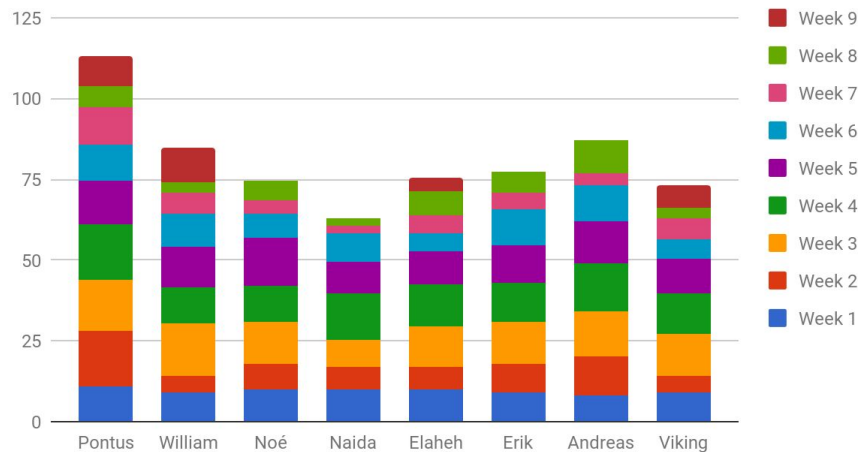- Integration and test

Work distribution Week 1 to Week 9

Legend:
- Week 9
- Week 8
- Week 7
- Week 6
- Week 5
- Week 4
- Week 3
- Week 2
- Week 1

Categories: Pontus, William, Noé, Naida, Elaheh, Erik, Andreas, Viking

Activities and Worked Hours
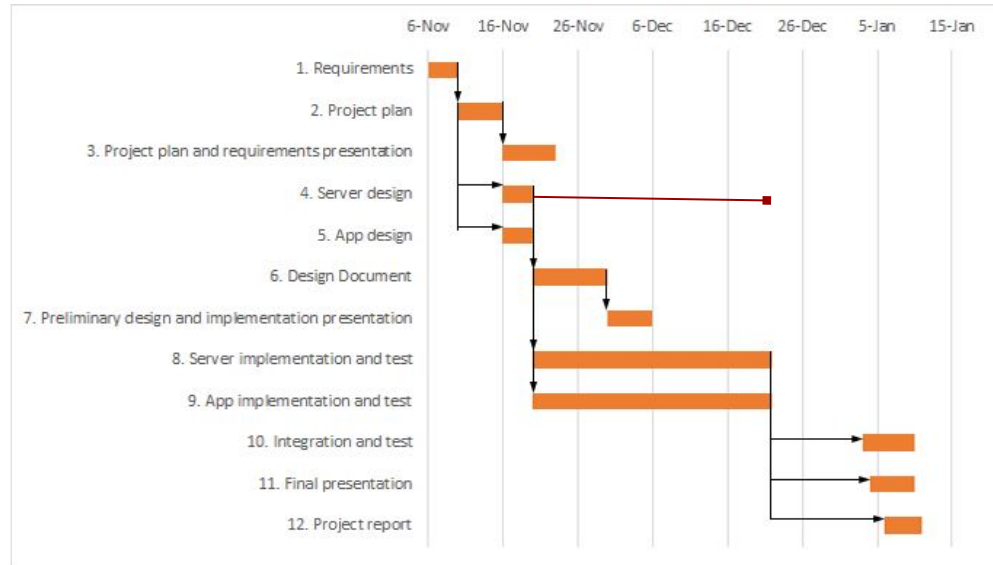
Group specific:

- Server design
- Application design
- Firebase server
  - JSON structures
  - Cloud functions
  - Python server to handle robot-server Communication
- Android application
  - Activities and Classes
  - Database Class to handle communication

Total: 648.5 hours

Work distribution Week 1 to Week 9

Legend:
- Week 9
- Week 8
- Week 7
- Week 6
- Week 5
- Week 4
- Week 3
- Week 2
- Week 1

Categories: Pontus, William, Noé, Naida, Elaheh, Erik, Andreas, Viking

Initial Plan meets Reality

- Server design took longer than planned

- Worked hours

Organization Changes

- No routine changes.

- Introduced two sub teams
  - Application team
  - Sever team

- Project group roles became blurred

Division and Synchronization of Work

Questions during Monday meetings

- What has been completed?
- What did not get completed?
- What problems have we encountered?

New tasks for the current week

- Application team
- Sever team

Experiences

- Good organization
- Problems:
  - Reporting problems
  - Git
- What did turned out as expected?
  - The improvements in organization each week.
- Improvements for the next time
  - Work in environments and use programs people have experience with
  - Git crash course

Demo

Notes
can be added
or removed