Project Proposal – Android TV for International markets

1. Introduction

As consumer media consumption habits change with every new generation, Elisa Viihde - the market leading provider of TV and movie content in Finland - looks to provide consumers the next generation user experience on top of the Google's proven media platform. The goal of the project is to create a next generation media platform on top of the Google's Android TV operator tier set top box tech along with provider agnostic backend interfaces.

2. Project goals

- To develop Android TV media interface on top of the Google's Android TV operator tier technology, and have it integrated into Elisa Viihde media backend through a configurable API

3. Technologies

- Android, Java, Kotlin, Android Studio (option)
- JIRA, Conflu, Github, Mattermost

- Elisa will provide 1 UX designer, 1 back end developer, 1 Android developer and Product Owner for the team

4. Requirements for the students

- Experience from Android/Java development.
- Useful but not mandatory:
  - Experience from OTT/IPTV technologies
  - Experience from streaming technologies

- Difficulty for this project is demanding

5. Legal Issues

Intellectual Property Rights (IPR):

1. The client gets all IPRs to the results
Non-disclosure agreement (NDA):

1. Signing the NDA included in the Elisas's contract template is required

6. Client

- Elisa is a telecommunications, ICT and digital service company and a market leader in Finland. Our business is continuously changing. Digitalisation is influencing the work that people do, ways of working, management, tools and the working environment
- We will bring to this project 2 developers, 1 UX designer and Product Owner who are senior level on this domain and technologies
- Who are the representatives of the client and and what is their level of expertise in the project domain and technologies?
- They are allocated 100% to this project
- We are offering working space, testing laboratory, cloud server, and some code base with documentation and all tools what is required to this project except computers
- Outcome will be presented to Elisa's top management by the team

Client representative(s)

- Product Owner
  - Mika Peuralahti
- Service Designer
  - Lauri Rauhanen
- Android Developer
  - N.N
- UX designer
  - N.N
- Backend Developer
  - N.N

Preselected Student Team Members

NONE

7. Additional information

- Documentation language is English
- Some team member might be non-finnish speaking and therefore working language is English