

Project Proposal - E-reader App

Introduction

Elisa Kirja is a Finnish e-book and audiobook service. Elisa Kirja has the widest selection of Finnish literature in electronic form.

This is your opportunity to re-think how e-books are consumed.

Project Goals

The main goal of the project is to develop an e-reading mobile application in Flutter supporting EPUB 3 format. The application is either Android application or iOS application, or both.

User experience and how to discover books are expected to be the focus in development.

Technologies

The application is implemented by using Google's UI toolkit Flutter (<https://flutter.dev>). E-reading part of functionality of the application is implemented by using open source component called Radium (<https://readium.org>) and its components in Kotlin. Book data is provided by Elisa Kirja service API.

Development tools, testing tools, and target platform can be selected by the team.

Requirements for the students

The students should be familiar with mobile software development basics. Experience with Flutter, Dart, and Kotlin is a huge plus.

All code, documentation should be done in English. Presentations and meetings are expected to be either English or Finnish.

The team should be familiar with and use the best practices in version control.

Legal Issues

Intellectual Property Rights (IPR):

The results will be owned by Elisa Oyj and published under the MIT license, with due attribution to all contributors.

Confidentiality

The client will share some confidential information with the students.

Client

Elisa Oyj

Elisa is a Finnish market leader in telecommunications and digital services. With digitalisation, we're providing solutions for things that are important to people and for sustainable development. During our nearly 140-year history, we have always been enthusiastic about utilising new technologies and ways of working. Today we serve over 2.8 million customers in Finland, Estonia and internationally, working daily to improve customer experience and quality.

Client representative

Both technical and project management contact:

Product Owner

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Additional information

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