**Bachelor Thesis Structure**

1. Introduction 2-3 pages
2. Background 10 – 12 pages
   1. Android Development Basics
      1. Java
      2. Kotlin
   2. Node.js Basics
      1. Express
      2. HTTP Requests
   3. Rest APIs
      1. Swagger
3. Requirements 5 – 8 pages
   1. Lecture Contents
   2. The Need for a Backend Server and Requirements
4. Methodology 15 pages
   1. Deciding on an app concept
   2. Choosing suitable technologies
   3. Pitfalls?
   4. Converting Java to Kotlin
   5. Iterations of the Mobile Application
5. Results 8 - 10 pages
   1. Backend Server
   2. Exercise Descriptions and Reference Implementation
6. Discussion 2 – 3 pages
7. Conclusion and Outlook 2 pages