

**Lappeenrannan teknillinen yliopisto**  
**School of Business and Management**

## **Software Development Skills-Full Stack**

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**LEARNING DIARY,**  
**NodeJS MODULE, MongoDB, ExpressJS, Angular**

## **05.01.2024(Angular)**

The tutorial provided for angular was comprehensive enough to understand how single-page applications work on the client side but it was a bit disoriented in the beginning. As the going forward it covered how simple components work and their basic structure containing necessary files like html, css, specs and ts. The features like service, routing can be integrated to create client side applications. Moreover how a replicated json server can be created was demonstrated. This tutorial along with other tutorials helped me to get started with my angular learning journey but I faced some issues regarding html container loading which took some time to solve. Also while using angular version 17 initially it did not load the module file due to a standalone issue and got it fixed by reinstalling the project. As this was my first time getting to learn angular things were not easy in the beginning getting used to with declaring the components in module and exporting the components to the module.ts file and keeping track all at once a bit difficult but as I moved forward to the project things became clear and I think this project will help me polishing my skill to the next level. According to me the concerning challenge is when compatibility between different versions of tools changes and that is when the happy path becomes the struggle of solving errors one after another. Also constant learning and practice will help to become familiar with functionalities supported by the framework which will reduce the task, as well as lines of code(usage of methods).