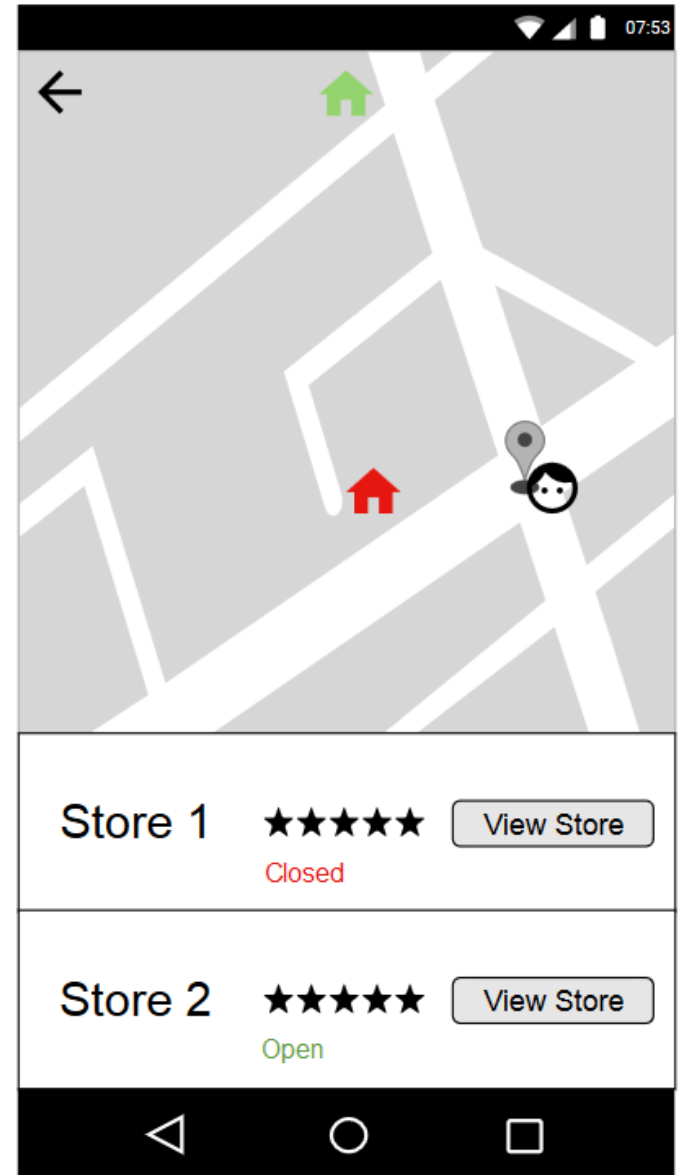


SKIALP – Rent to win

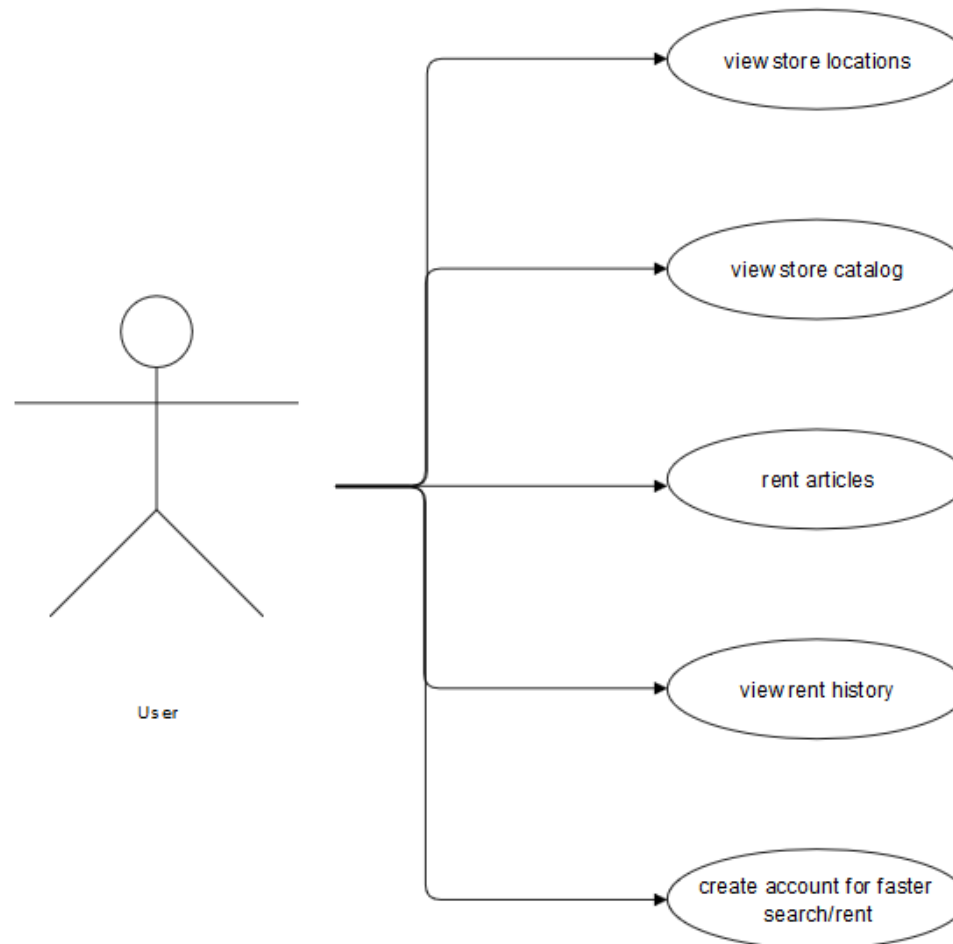
An app designed in the lecture **APPLICATION DEVELOPMENT FOR MOBILE AND UBIQUITOUS COMPUTING**

App idea

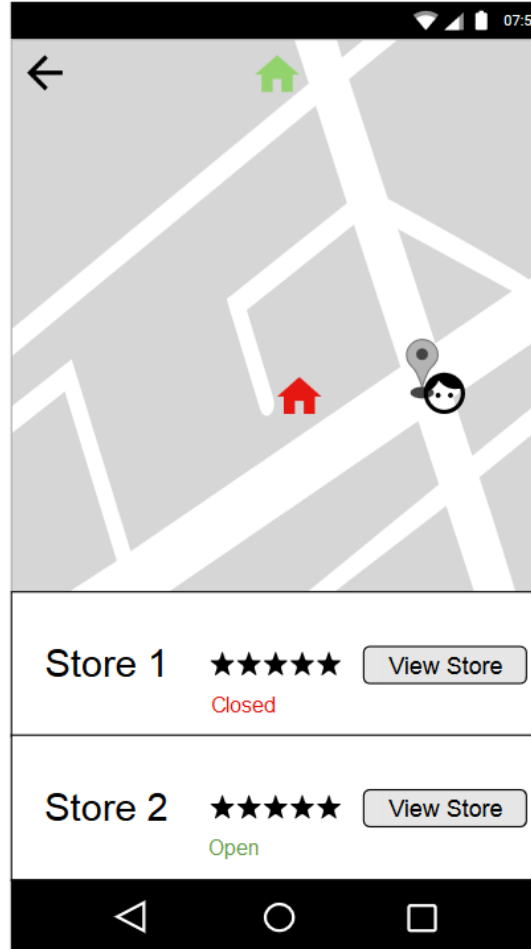
- rent skiing equipment mobile
- Prepare your reservation on phone and get your fitting equipment on site
- find stores of our branch in your environment or search for them in a specific place



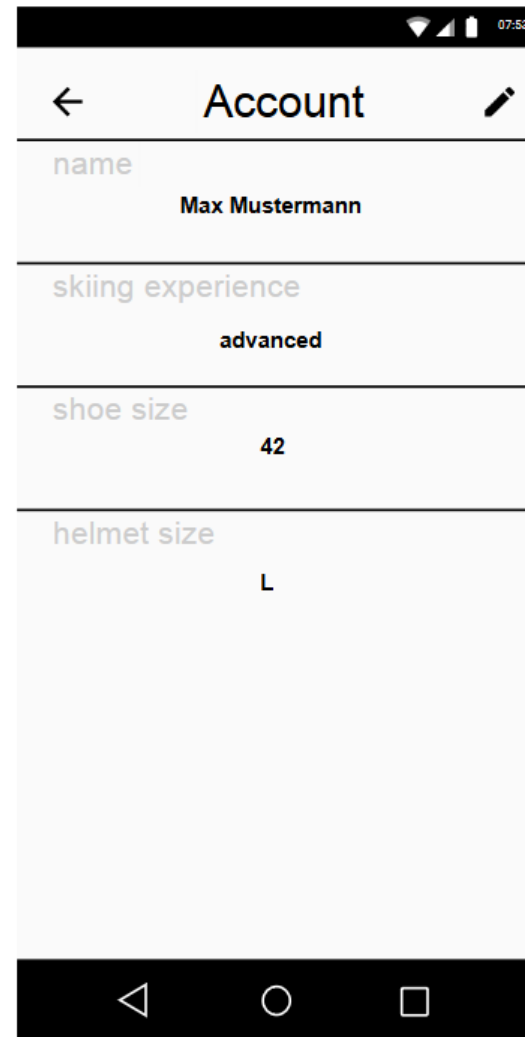
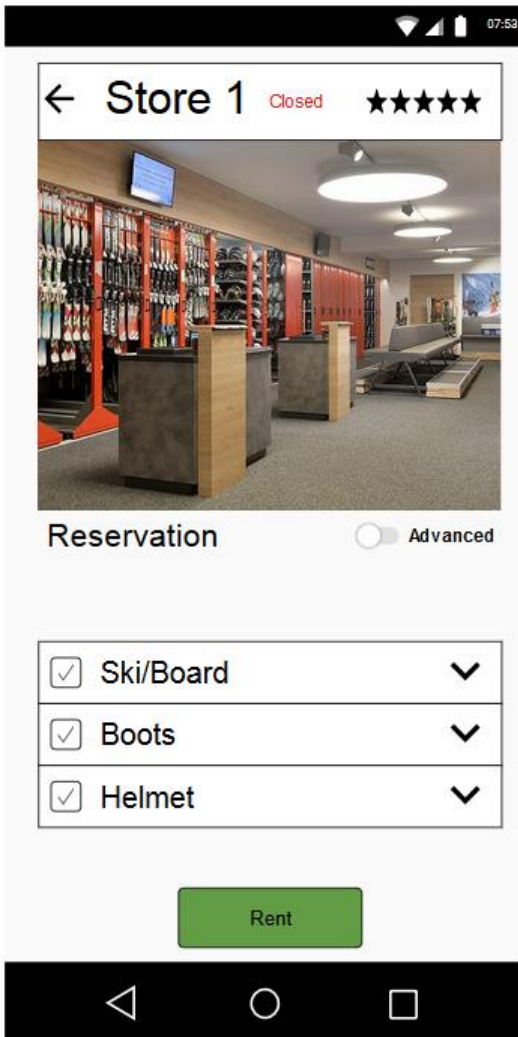
Use Case



Mockups



Mockups



Challenges



- **Offline**
 - **store catalog in cache for offline search**



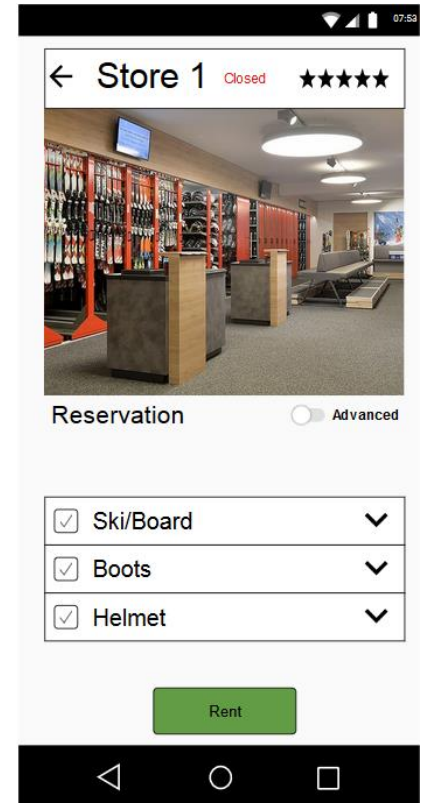
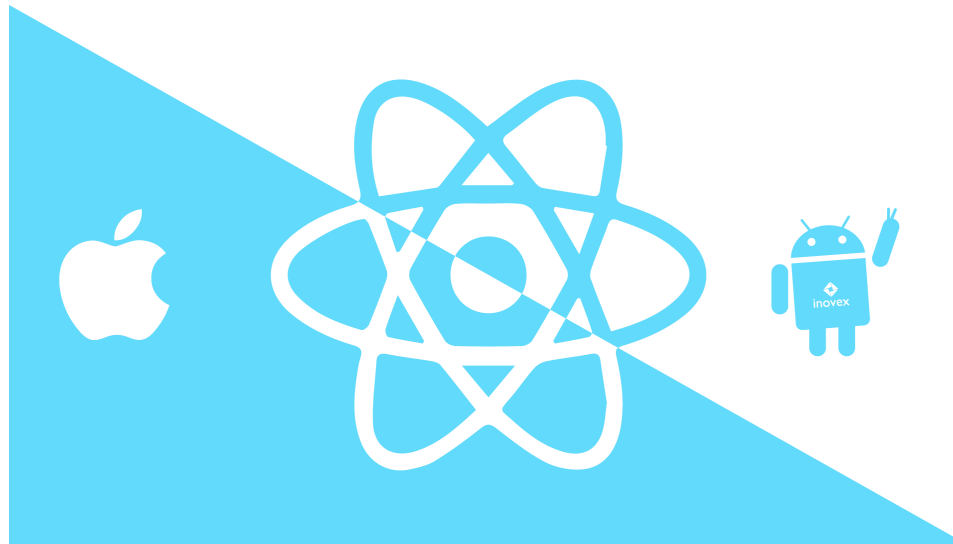
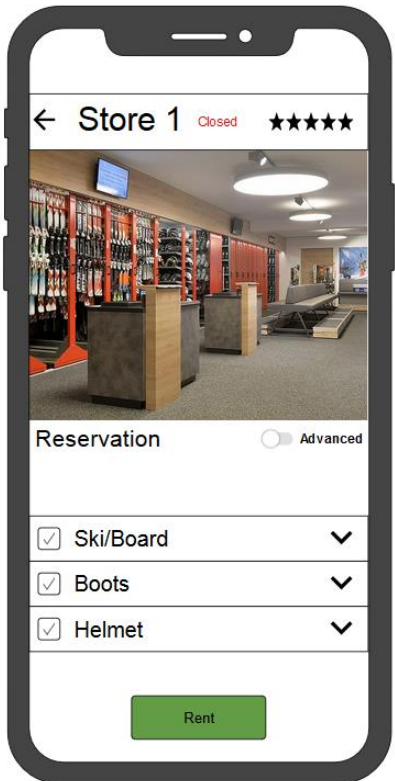
- **Connectivity**
 - **update catalog by sufficient connection**
 - **notify user in case of remaining reservations**



- **Usability**
 - **convenient app design**
 - **usable on majority of mobile phone**

Technologies

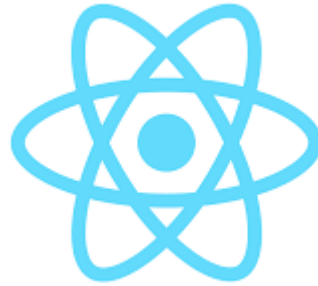
React Native



<https://www.inovex.de/blog/wp-content/uploads/2018/03/react-native.png> https://www.schischule-kostenzer.at/fileadmin/_processed_/f/f/csm_SliderSkiverleih1920x595_0e5e369f05.jpg

Technologies

Frontend



Backend

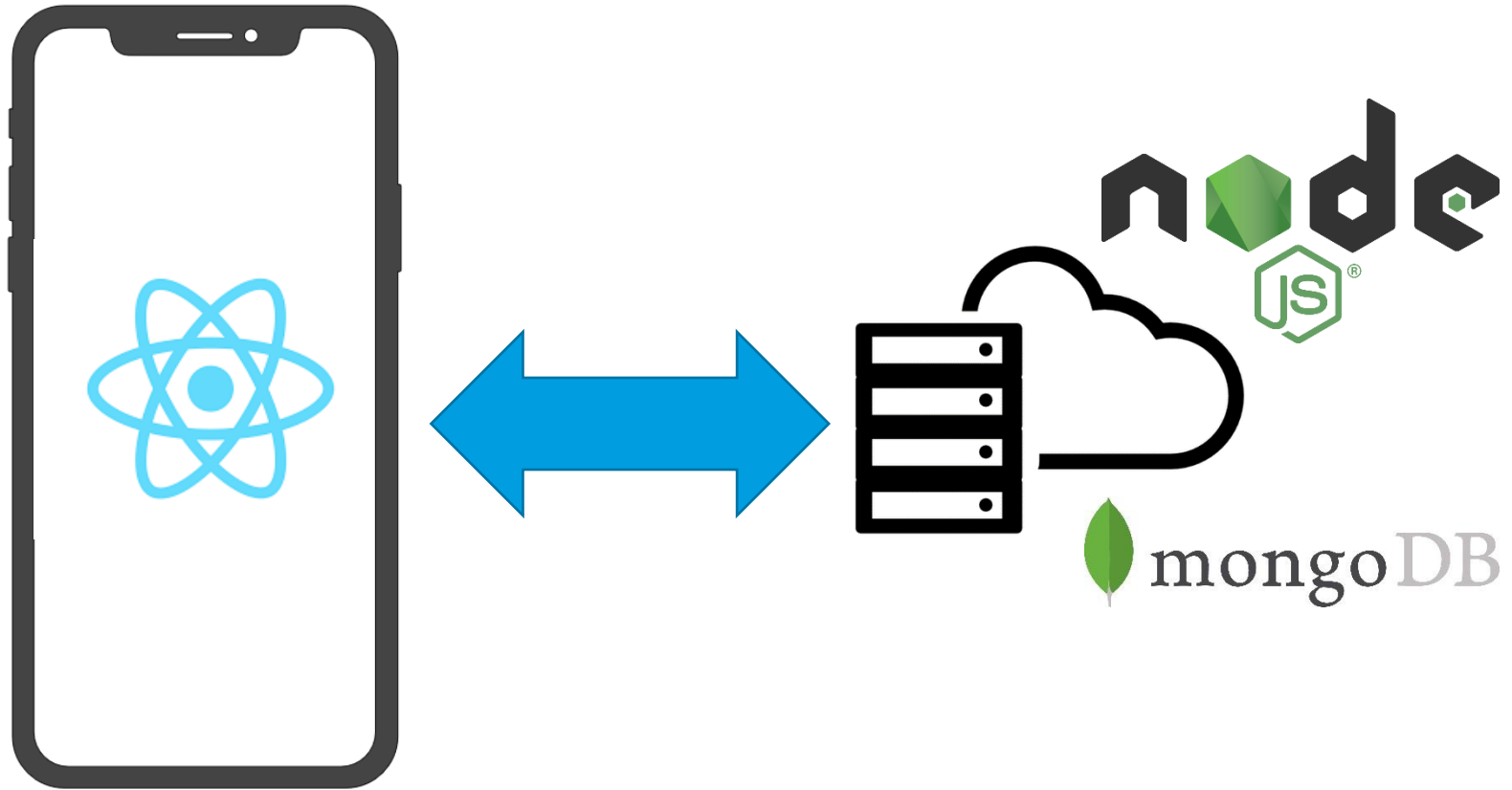


APIs



<https://sspectra.net/wp-content/uploads/2018/05/google-maps-api.jpg>
<https://upload.wikimedia.org/wikipedia/commons/thumb/a/a7/React-icon.svg/1000px-React-icon.svg.png> <https://nodejs.org/static/images/logos/nodejs-new-pantone-black.png> https://miro.medium.com/max/8334/1*Ta4qktHtO--RMUpnR08mBg.jpeg

Architectures



<https://imageog.flaticon.com/icons/png/512/31/31988.png?size=1200x630f&pad=10,10,10,10&ext=png&bg=FFFFFF>

Concept from Mern stack tutorial

Schedule

- **November**
 - learning React
 - improving frontend design
 - elaborate data base design

- **December**
 - implementing core functionalities

- **January**
 - fixing bugs
 - adding remaining features

Thanks for your attention