

# Team Project

PV247

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# Organisation requirements

- Repository with code
- Online presentation at the last exercise (**14.12.2020**)
- Hosted web project on hosting (e.g. Firebase Hosting)

# Technological requirements

- Web application in Typescript
- Responsive design
- User authentication (e.g. Firebase Auth)
- CRUD: Working with storage (e.g. Firebase Firestore)
- Optional: use data from open API

# Ideas

*Own ideas are more than welcome!*

# Basic ideas

- Books Finder App
- Recipe Manager App
- Note taking App
- TV Shows App

# Books Finder App

- Allows users to search for books
- List user the resulting books
- Details page of the selected book
- Users can save/delete favorite books
- Open APIs:
  - <https://openlibrary.org/dev/docs/api/books>
  - <https://developers.google.com/books/docs/overview>

# Recipe Manager App

- Allows users to manage recipes
- List user the recipe titles
- Details page with the recipe description and image
- Open APIs:
  - <http://www.recipepuppy.com/about/api>
  - <https://www.themealdb.com/api.php>

# Note taking App

- Allow users to manage categorizable notes
- Searchable list of notes (Title, Date Created, Category, etc.)
- Details page with editable note (Title, Content)
- Content of the note should be saved as Markdown
  - <https://github.com/rexxars/react-markdown>
  - <https://github.com/andrerpena/react-mde>



# TV Shows App

- Allows users to search for TV shows
- List user resulting TV shows
- Details page with informations about selected TV show and episodes
- Users can save/delete favorite TV shows
- Open APIs:
  - <http://www.tvmaze.com/api>

# Projects from last semester (2019)

- TV Shows App
- Book Finder App
- Mobile app manager
- Travel App
- La Musica
- Podcast sharing app
- Course recommender
- MTG deck builder app
- Music band management app
- Recipe Manager App

# Organisation

- Teams: **2-3** members
- Pick team until **23.11.2020**
- Pick project idea until **27.11.2020**
- Sign your team and project idea
- IS ⇒ Study materials ⇒ PV247 ⇒ [“Project teams” link](#)
- Project suggestions ⇒ [betko@ingool.cz](mailto:betko@ingool.cz) / faculty discord
- Deadline **13.12.2020**
- Online presentation **14.12.2020**

Questions?