Stuff to do 5.3-10.3

- Study the material at Viope
  - JavaScript Chapters 1-5
  - Node JS Chapters 1-5
  - Note the different approaches compared to what we used during the Zoom-days
- Go through the page.html and books.html as many times as it takes to understand the solutions
  - If we didn't finalize books.html, finalize it
    - Solution will be made available by Tuesday into github samples
- Update project documentation
  - Few slides updated in this sample documentation (server architecture+AuthorAPI)
- Work with your project
  - Implement at least one RESTful service (a listing) and read data to the client, no need to populate UI, console.log is enough to verify that you get the data
  - Don't overdo this part yet, just make sure you have basic constructs working
    - Server.js in server directory serving html pages from wwwroot and providing a simple service
    - Some ui-demos in wwwroot, page making a call to RESTful service provided by the server
  - Make sure your work is also in github
    - Documentation as pdf, basics constructs for the application (server directory+wwwroot directory)

Library Application

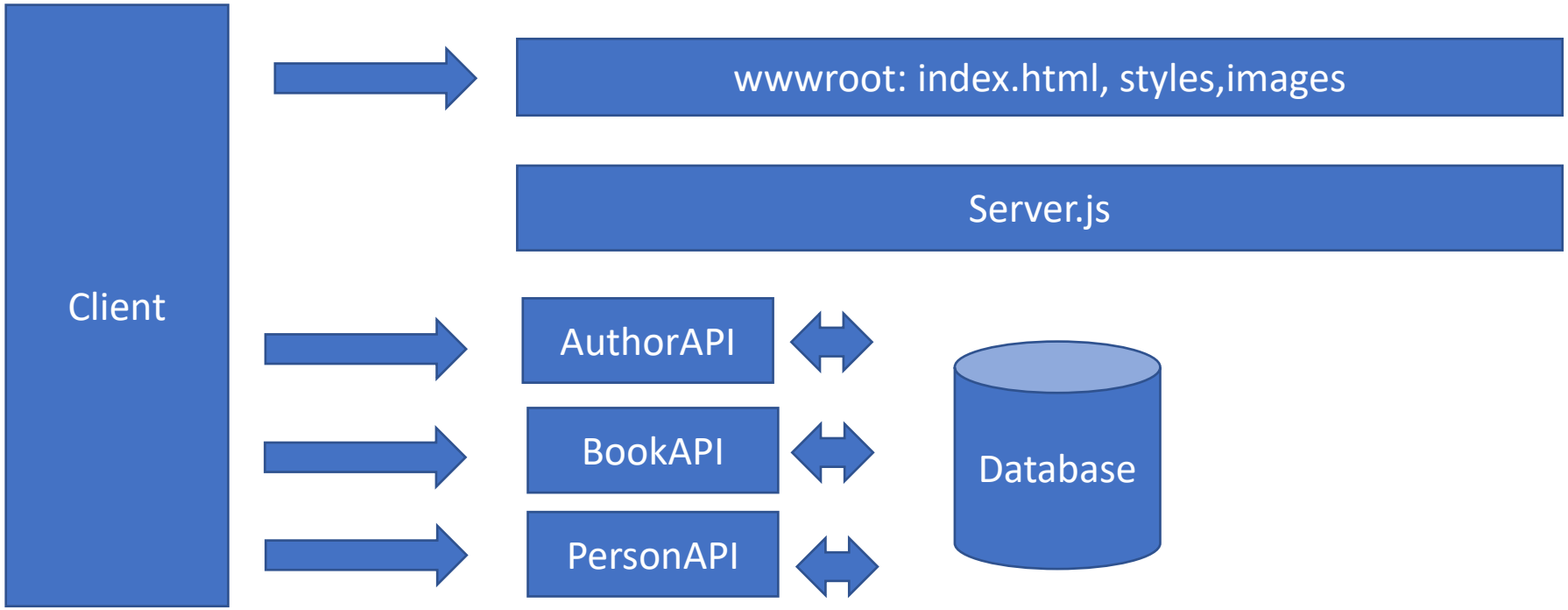
Initial structure for your project plan/documentation

Overview

- Application for managing borrowings
  - For people that have hundreds of books friends that like to borrow those
    - But do not necessarily return the borrowed books

- User
  - Able to browse the “offering” and view their own data and borrowings
  - Most likely a mobile device
- Administrator
  - Maintain all data
  - Manage borrowings
  - Can use mobile, but pc also

Architecture (Server, very initial)



- Node-Express web server
- MySQL-Database, node-mysql extension

AuthorAPI

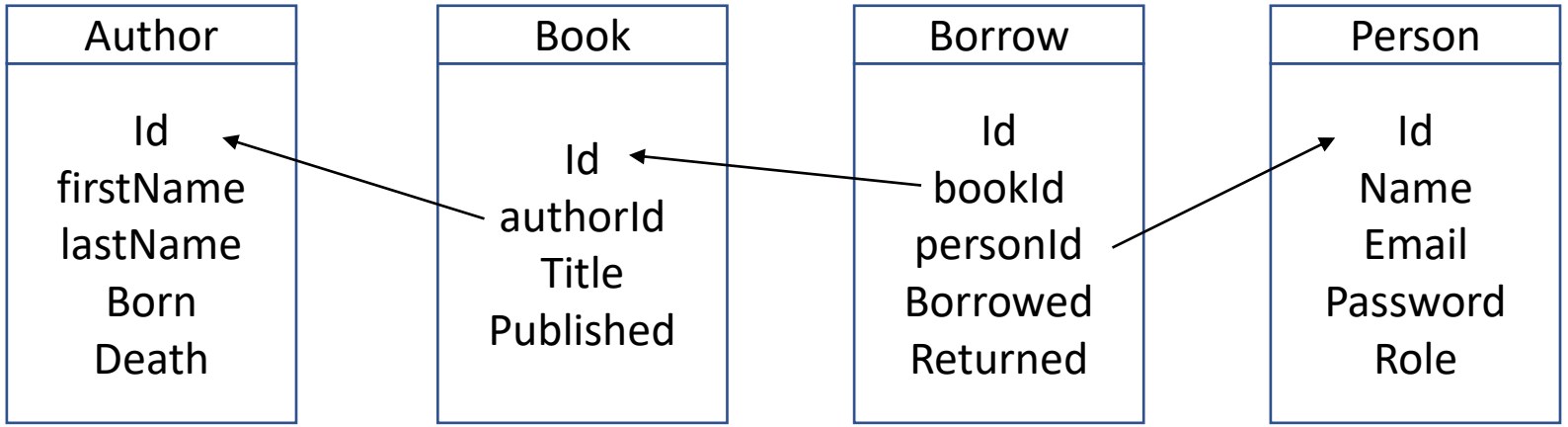
- RESTful interface to authors

Method	Url	Description
Get	/api/authors	Get all authors
Get	/api/authors/{id}	Get single author
Get	/api/authors/{id}/books	Get books of specific author
Post	/api/authors	Create a new author
Put	/api/authors/{id}	Save changes to an existing author
Delete	/api/authors/{id}	Delete a specific author

Architecture (Client, case books)

- This slide you'll complete later on

Data model

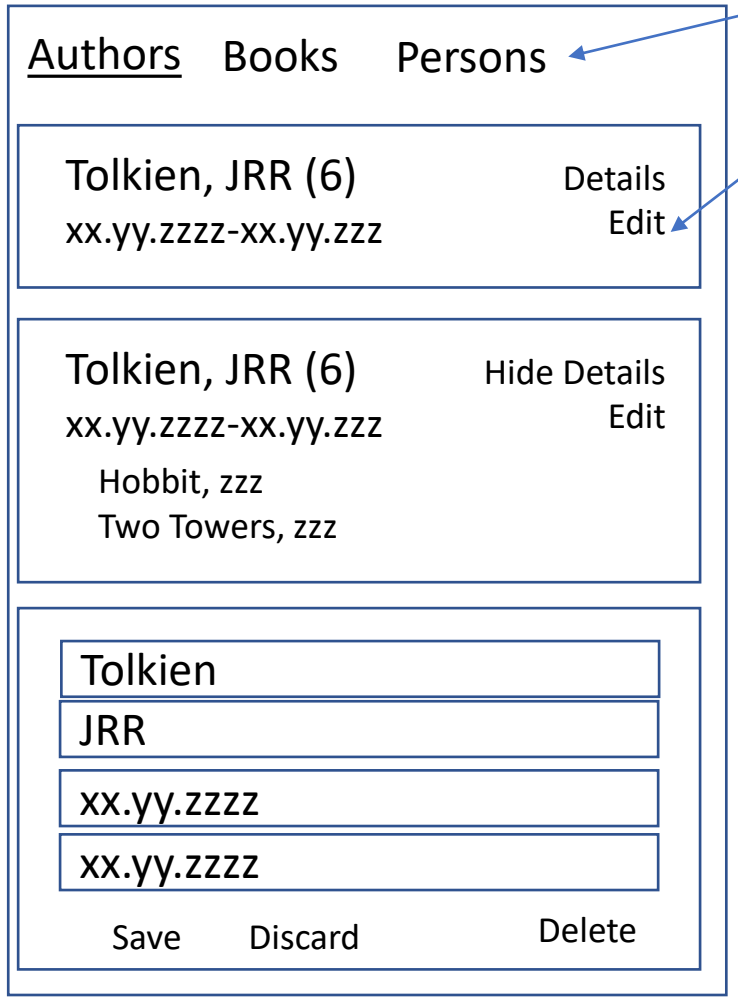


First describe the data model as demonstrated above.

ALSO!!!!!

Create a json-file into mywork/json folder that demonstrates (at least partially) the datamodel above

UI



Option only available for administor

Make couple of slides like this, couple different use cases.

ALSO!!!!!

Create a similar folder structure to your project folder as already exists in mywork folder

Project
--- wwwroot
    ---- styles

And create similar html-pages to the wwwroot (with separate styles.css in wwwroot/styles) as you demonstrate here.
Make the pages responsive. You can, but you don't have to, use bootstrap

Security

- This slide you'll complete later on