Pocketwatch



Your personal time tracker

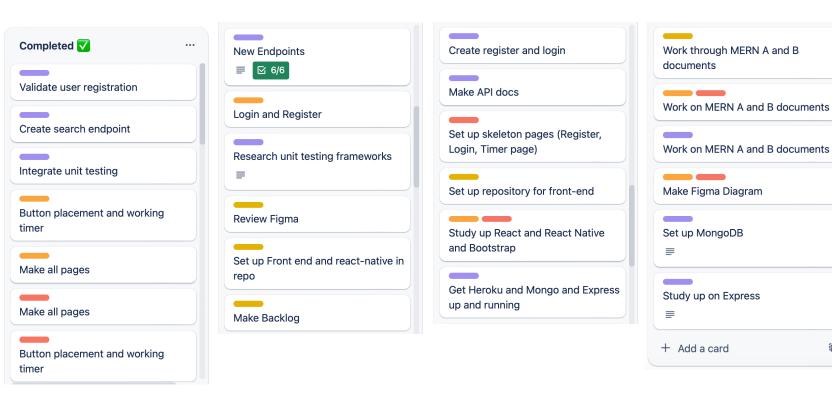
Team Members

Tyler Angley @constellationz Project Manager Khalil Oxborough @koxborough API & Testing Christian Lopez @CLMMS Website Ryan Turner @RyanTurner02 Website Thomas Wallsmith @twallie Mobile App Pedro Kasprzykowski @PKTidus Mobile App

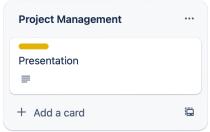
What went well?

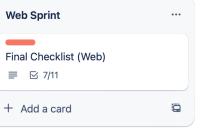
What didn't go so well?

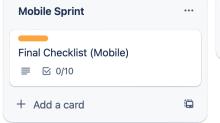
Agile

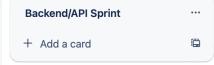


Backlog







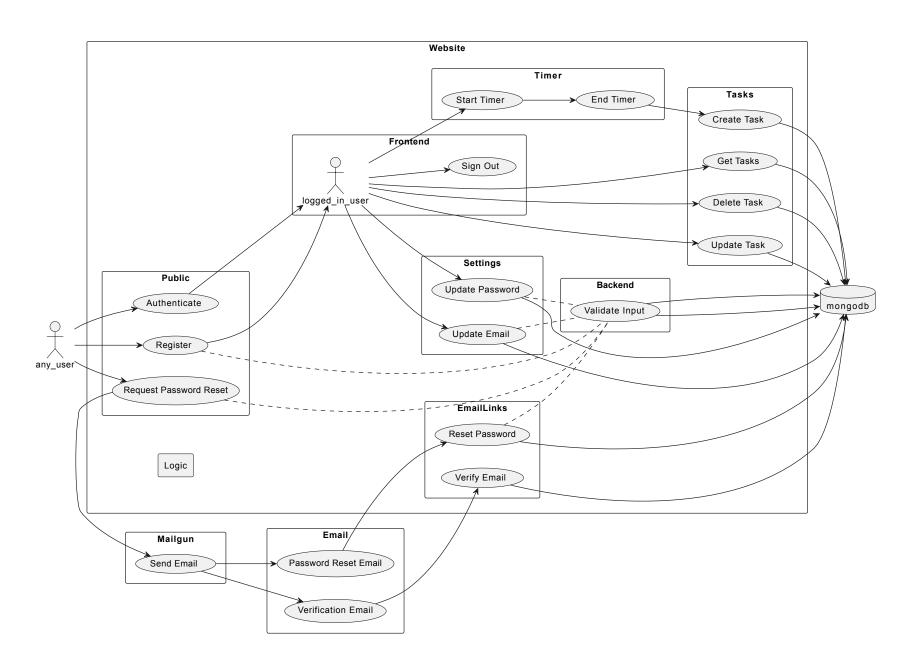


Sprints

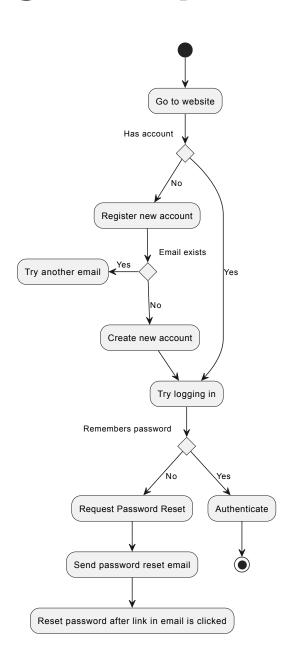
Technology used

- MERN Stack (Mongo, Express, React, Node)
- Hosted on Heroku
- Domain from Google Domains
- GitHub for version control
- GitHub Actions to automatically push main branch to Heroku
- Marp for slide deck, PlantUML for diagrams
- SwaggerHub for API documentation
- Postman for API testing
- Trello for organization
- Discord for communication

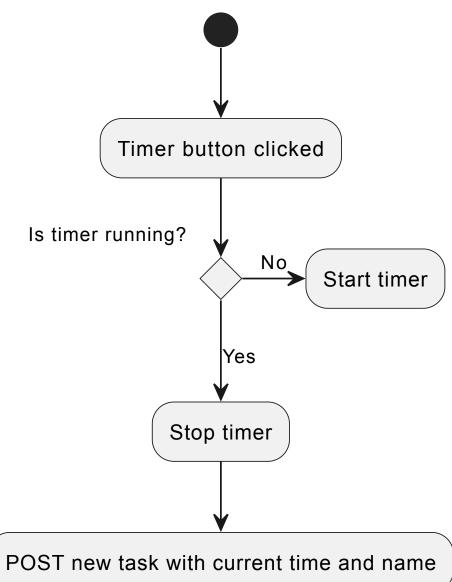
Use Case Diagram



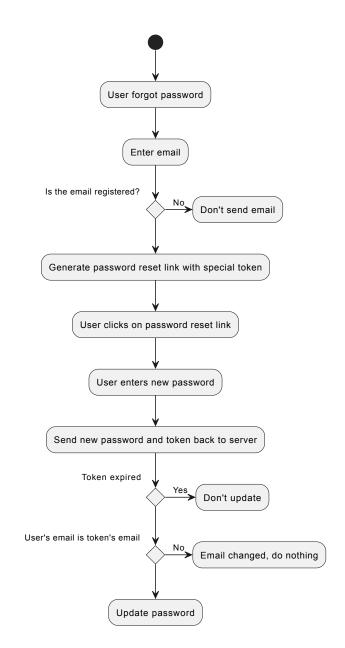
Login Sequence



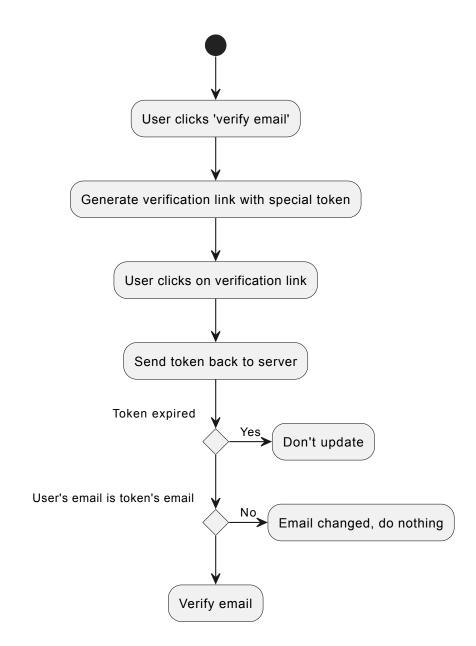
Timer Sequence



Forgot Password Sequence



Verify Email Sequence



Entity Relationship Diagram

There are many tasks per user but there is only one user per task Task User A single task. A single user of the website. _id : ObjectId «generated» id : ObjectId «generated» o user: ObjectId o name: string o name: string o email: string o startTime: number o password : string «hashed» o endTime : number o emailVerified: boolean o location : [number, number]

API Demonstration

API Demonstration on SwaggerHub

Testing Demonstration

Khalil time!

Web Demo

www.pocketwatch.page

Mobile Demo

Doc cam!

Some links...

Check out our code at github.com/constellationz/pocketwatch

Visit our website at www.pocketwatch.page

Any questions?