



# PRESENTATION



*MedMinder*



## PURPOSE

The purpose of this web application is to allow users to manage their prescriptions using a simple virtual pill box. The goal of the web application is to promote good health and wellness practices and reduce missed medications.



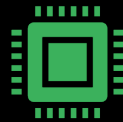
# DEVELOPMENT METHODOLOGY



## Open Source Development Model



Encourages open collaboration among our team of developers, stakeholders, and end-users



Source code and all work products are freely available within a community. Developers can improve upon the source code and freely share changes within the community



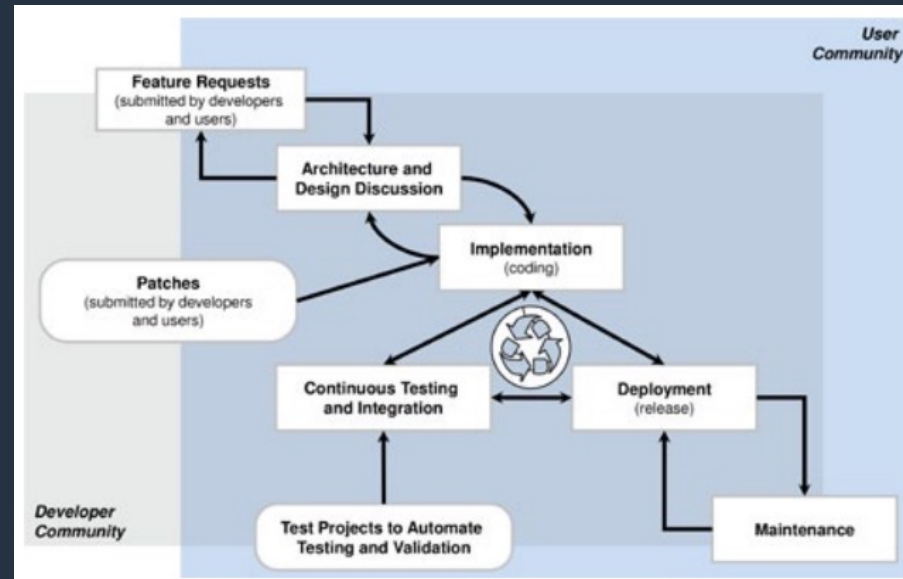
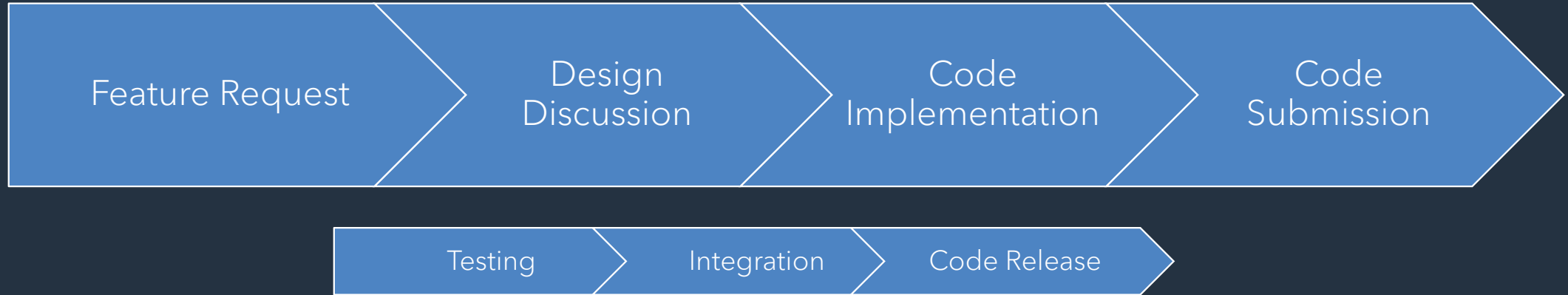
Development process and all discussions about the project and its development are transparent and visible to the entire community

# WHY OPEN SOURCE?

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- ❖ Project team and project structure bode well for an open-source development process
  - ❖ *Flat project structure*
  - ❖ *Fast information exchange*
  - ❖ *Betterment of the medical community*
- ❖ Future considerations
  - ❖ *Data Privacy/Security*
  - ❖ *Developability*
  - ❖ *Monetizability*

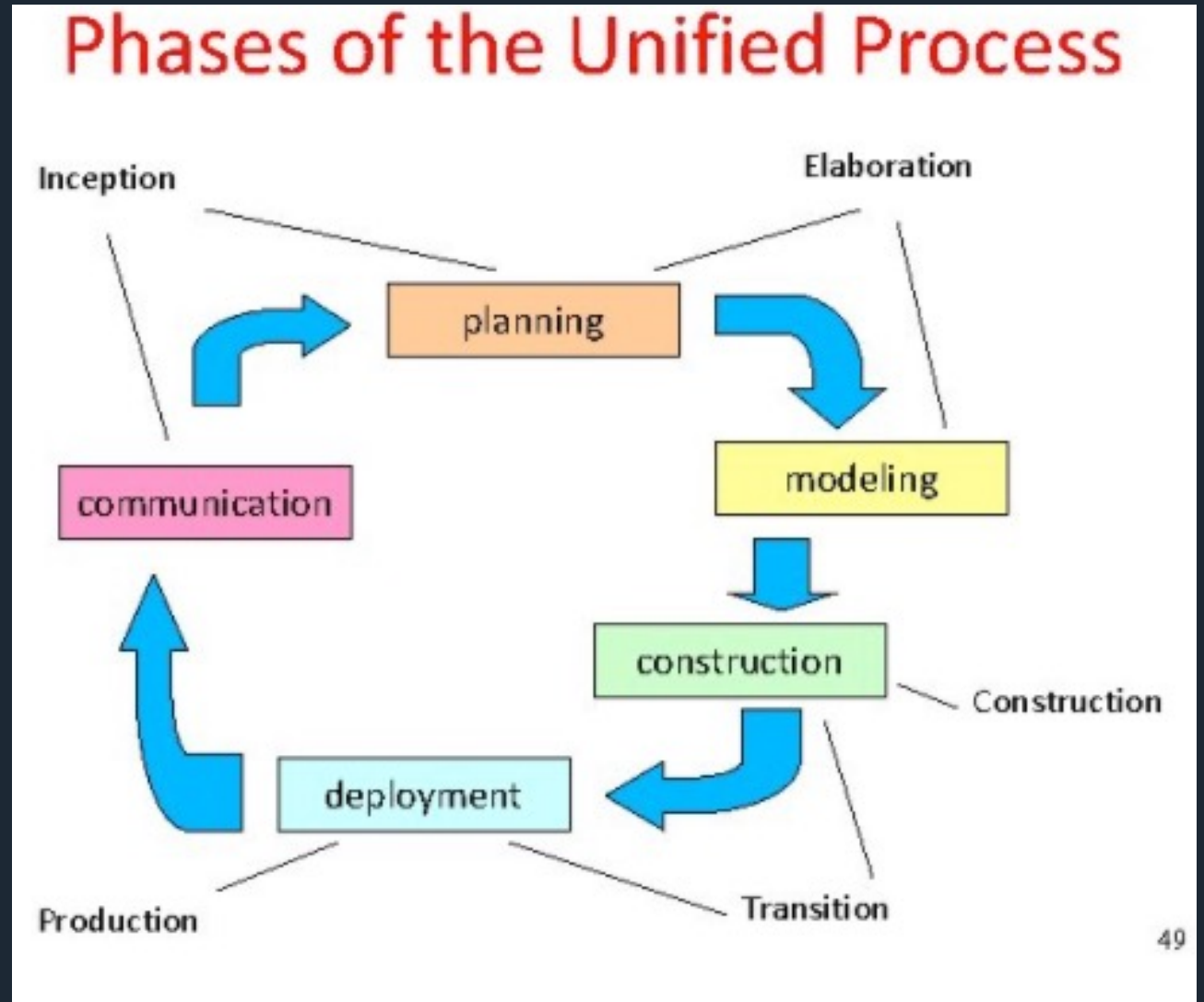
# MEDMINDER'S FEATURE DEVELOPMENT LIFE-CYCLE



# DEVELOPMENT PROCESS

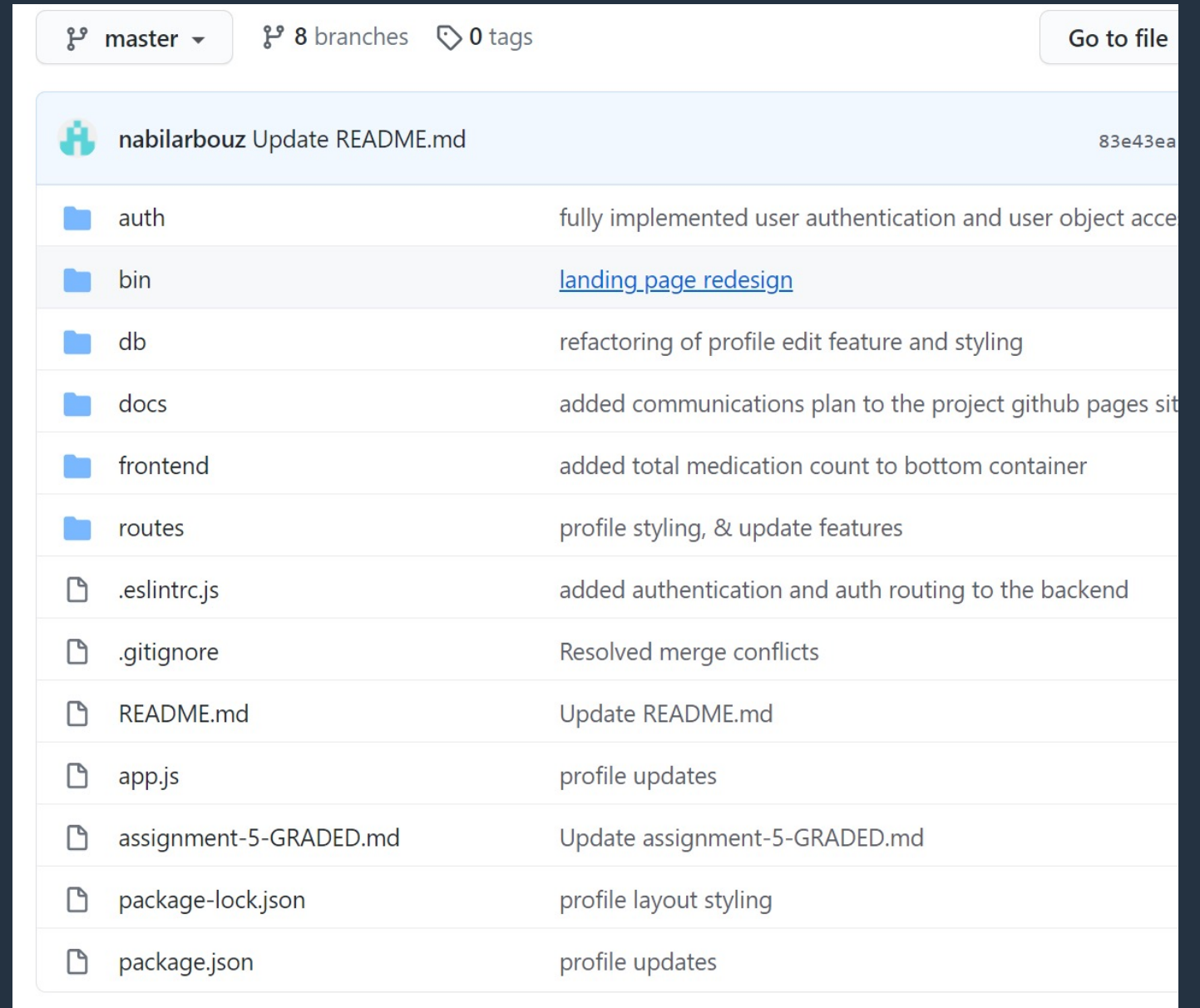
❖ Key activities included:

- Communication
- Planning
- Modeling
- Construction
- Deployment



# REPOSITORY ORGANIZATION

- ❖ File organization
  - ❖ The root directory is where the backend folders/files live
  - ❖ Frontend directory is in the backend for easy deployment
- ❖ Wiki pages
  - ❖ Internal info
    - ❖ Architecture, API, Wireframes...



The screenshot shows a GitHub repository page for the user 'nabilarbouz'. The repository is on the 'master' branch, has 8 branches, and 0 tags. The file organization is as follows:

File/Folder	Description
auth	fully implemented user authentication and user object access
bin	<a href="#">landing_page redesign</a>
db	refactoring of profile edit feature and styling
docs	added communications plan to the project github pages site
frontend	added total medication count to bottom container
routes	profile styling, & update features
.eslintrc.js	added authentication and auth routing to the backend
.gitignore	Resolved merge conflicts
README.md	Update README.md
app.js	profile updates
assignment-5-GRADED.md	Update assignment-5-GRADED.md
package-lock.json	profile layout styling
package.json	profile updates



TECHNOLOGY





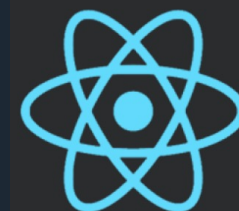
# TECHNOLOGY



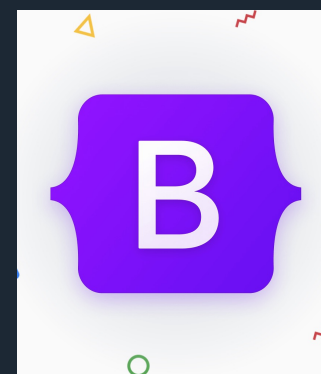
TECHNOLOGY



heroku



React



# MAJOR FEATURES



# LANDING PAGE



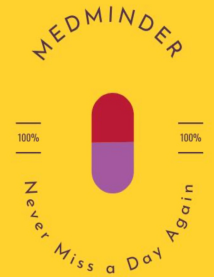
finder

Login

## Virtual Prescription Organization

Manage your medication with precision and ease by using MedMinder.

Sign Up!



## Our Mission

Our goal is to create a web-based pill organizer. In the interest of promoting public health and wellness, this program will help users organize & keep track of their medications and supplements.

## How It Works



### Add medication

Input the name of your medication information.



### Edit medication

Make changes to your medications.



### Get info

Check out your daily medications from the dashboard.

# REGISTRATION & LOGIN

MedMinder

Create your account

[Alright have an account? Sign in here.](#)

First Name

Last Name

Email

Password

Confirm Password

Show password

By Registering, you are accepting our [Privacy Policy](#).

Register

MedMinder

Create your account

[Alright have an account? Sign in here.](#)

First Name  
Ciara

Last Name  
Williams

Email  
cwil@gmail.com

Password  
\*\*\*\*\*

Confirm Password  
\*\*\*\*\*

Show password

By Registering, you are accepting our [Privacy Policy](#).

Register

MedMinder

Create your account

[Alright have an account? Sign in here.](#)

First Name  
Ciara

Last Name  
Williams

Email  
cwil@gmail.com

Password  
abc123

Confirm Password  
abc123

Hide password

By Registering, you are accepting our [Privacy Policy](#).

Register

# PILL BOX

- ❖ Modeled after the physical pill boxes found on the market



Monday

Mon Apr 26 2021 19:04:18 GMT-0400 (EDT)

Have you taken your medications today?

Morning

Afternoon

Evening

Mili - 1 pill - Click to take

× Medicine Not taken

Monday

1 Medications

Tuesday

1 Medications

Wednesday

1 Medications

Thursday

1 Medications

Friday

1 Medications

Saturday

1 Medications

Sunday

1 Medications

Reset Taken Statuses

# PILL BOX

❖ Confirm medications are taken

Monday

Mon Apr 26 2021 19:04:18 GMT-0400 (EDT)

Have you taken your medications today?

Morning

Afternoon

Evening

Mili - 1 pill - Click to take

× Medicine Not taken

Monday

1 Medications

Tuesday

1 Medications

Wednesday

1 Medications

Thursday

1 Medications

Friday

1 Medications

Saturday

1 Medications

Sunday

1 Medications

Reset Taken Statuses

Monday

Mon Apr 26 2021 19:28:50 GMT-0400 (Eastern Daylight Time)

Have you taken your medications today?

Morning

Afternoon

Evening

Mili - 1 pill - Taken

✓ Medicine Taken

Monday

1 Medications

Tuesday

1 Medications

Wednesday

1 Medications

Thursday

1 Medications

Friday

1 Medications

Saturday

1 Medications

Sunday

1 Medications

# MANAGE MEDICATIONS



*User Control and Freedom*

## My Medications

Add a new medication

Medication Name

Dosage

☒ Morning ☒ Afternoon ☒ Evening

☒ Su ☒ Mo ☒ Tu ☒ We ☒ Th ☒ Fr ☒ Sa

Add Medication

## Current Medications

Name: Mili

Dosage: 1 pill

Times:

Evening

Days:

Su Mo Tu We Th Fr Sa

Edit




# PROFILE



## Contacts

le



### About

**Full Name**  
C Will

---

**Email**  
cwill@gmail.com

[Edit Profile](#)

### Contacts

#### Physician Contact

[Add](#)

#### Pharmacy Contacts

##### Add a Pharmacy

[Add](#)

#### Emergency Contacts

##### Add an Emergency Contact

[Add](#)



## FUTURE FUNCTIONALITY

- ❖ Roles (Caregiver, Family Member)
- ❖ SMS/Email Notifications
- ❖ Integration with Pharmacy
- ❖ HIPAA Privacy Policies
- ❖ Mobile App/Browser Extension
- ❖ UPC Code Entry

# DEMONSTRATION



*Backup*

*Link: <https://youtu.be/3Byy5BVkD6c>*

THANK YOU,  
THE MEDMINDER TEAM

