Project Sprint #7

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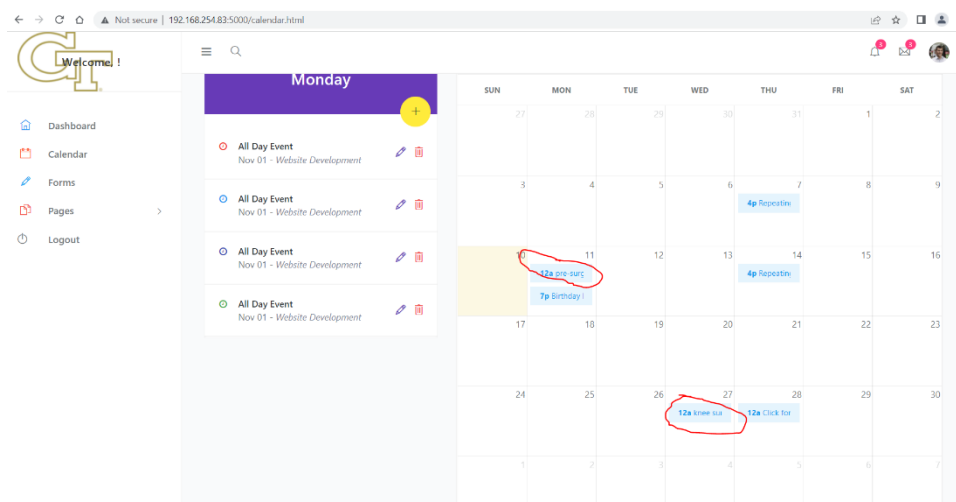
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TASKS ACCOMPLISHED

Baiyan completed the yaml file which stores recommended test, as well as the route function which has the if/else statement to classify patients based on their sex and age. In addition, Baiyan looked into how to deploy the app with MySQL database using Heroku. There is a tool called 'JawsDB-MySQL' which provides a fully functional MySQL Database server when attaching to Heroku. The next step is to test deployment.
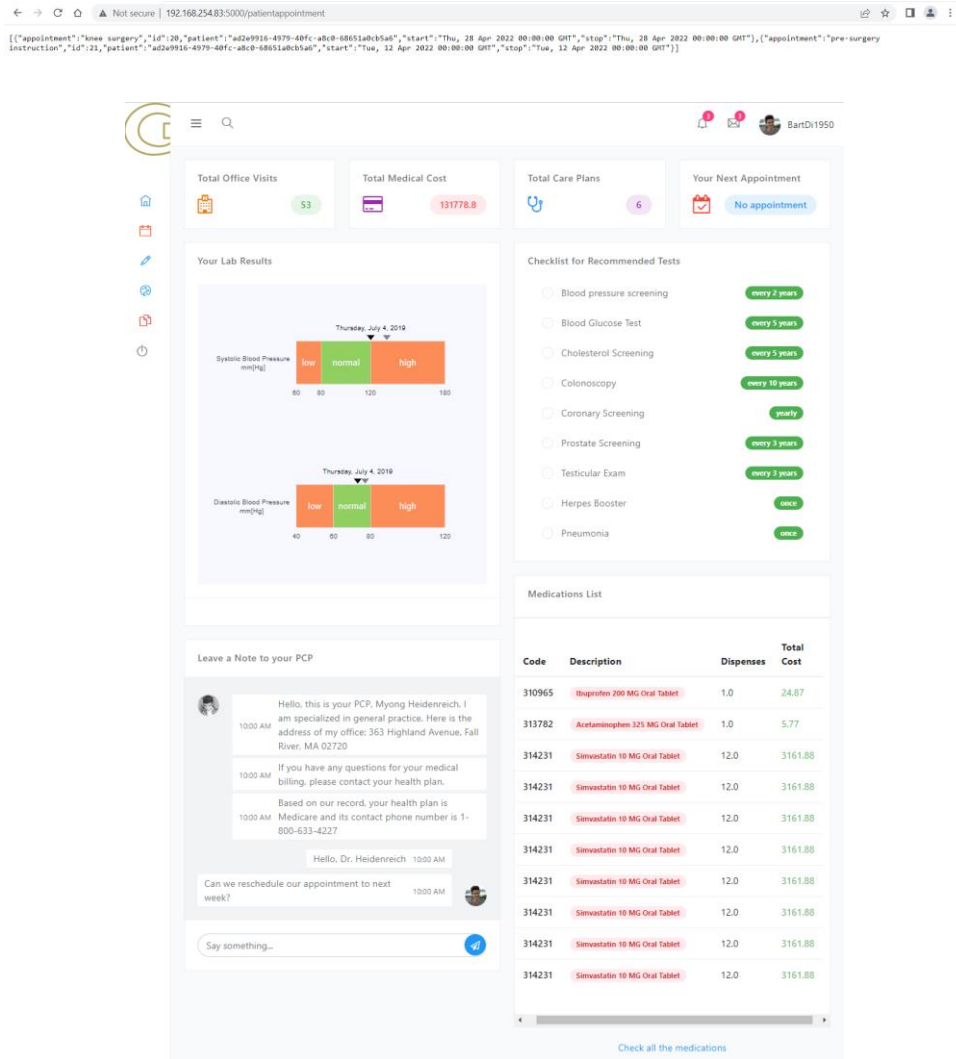
Yi modified the medication list on the index page and added a new medication page to show all the medications for the patient. The medication page can be accessed via the button under the medication list on the index page or via the sidebar navigation.

Aijing added a chatbox for patients to leave a note to his/her primary care provider (PCP). The chatbox includes name, contact info, and specialty of the PCP. Information about patients' health insurance (e.g., health plan name and contact phone number) is included too. Aijing also added two tables for providers and payers to the mysql database so users can fetch their PCP and health insurance info.

Shiyi has enabled the functionality of changing profile images. In our latest dashboard, each user or PCP has a different user image. Additionally, Shiyi has added a "Profile" page for each patient to display their personal information.

Haojie has completed changes for displaying medical appointments for logined users. The changes include backend api call and front-end visual display through javascript and manipulation of json response.

[{"appointment":"knee surgery","id":20,"patient":"ad2e9916-4979-40fc-a8c0-68651a0cb5a6","start":"Thu, 28 Apr 2022 00:00:00 GMT","stop":"Thu, 28 Apr 2022 00:00:00 GMT"},{"appointment":"pre-surgery instruction","id":21,"patient":"ad2e9916-4979-40fc-a8c0-68651a0cb5a6","start":"Tue, 12 Apr 2022 00:00:00 GMT","stop":"Tue, 12 Apr 2022 00:00:00 GMT"}]
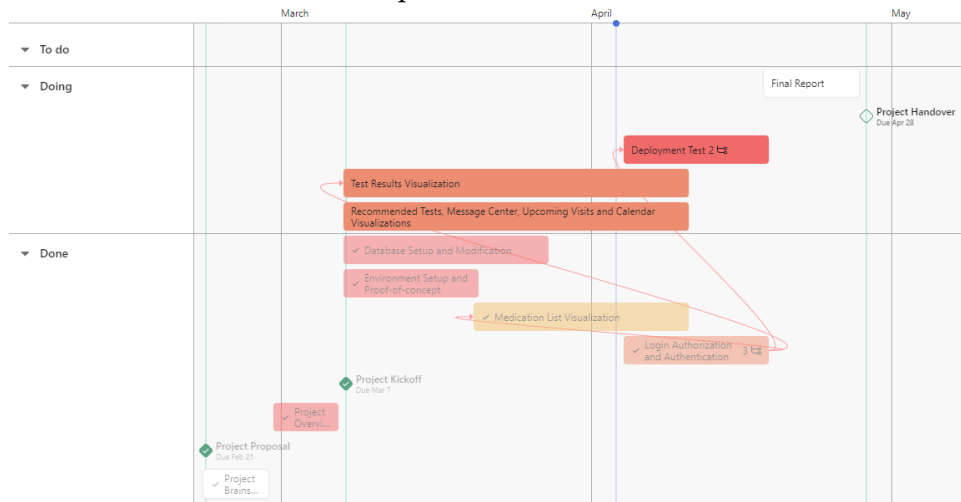
CHALLENGES

We tested model deployment previously, however, the local database in our app didn't work on Heroku. Thus, one of challenges is deploying the app with functional MySQL database. For data security, we encrypted user passwords with a hash function. We are not clear about whether the encryption would still work after we deploy MySQL database on the Heroku server.

PLANS AHEAD

- Test deploying web application and database using Heroku

Updated timeline

Task name	Due date	Tags	Priority	Dependencies	
▼ To do					
▼ Doing					
⊘ Recommended Tests, Message Center, Upcoming Visit	Mar 7 – Apr 10	Sprint5 Sprint6 Sprint7	Medium		
⊘ Test Results Visualization	Mar 7 – Apr 10	Sprint4 Sprint5 Sprint6 Sprint7	Medium	⊠ ✓Login Authorization and Authenticati...	
▸ ⊘ Deployment Test 2 ⤶	Apr 4 – 18	Sprint8 Sprint9	High	⊠ ✓Login Authorization and Authenticati...	
◇ Project Handover	Apr 28	Sprint10			
⊘ Final Report	Apr 18 – 27	Sprint10			
Add task...					
▼ Done					
✓ Project Kickoff	Mar 7	Sprint2			
✓ Project Overview & Planning	Feb 28 – Mar 6	Sprint2	High		
✓ Project Proposal	Feb 21	Sprint1			
✓ Database Setup and Modification	Mar 7 – 27	Sprint3 Sprint4 Sprint5	High		
✓ Environment Setup and Proof-of-concept	Mar 7 – 20	Sprint3	High		
✓ Project Brainstorm and Proposal	Feb 21 – 27	Sprint1			
✓ Medication List Visualization	Mar 20 – Apr 10	Sprint5 Sprint6 Sprint7	Low	⊠ ✓Login Authorization and Authenticati...	
▸ ✓ Login Authorization and Authentication 3 ⤶	Apr 4 – 18	Sprint8 Sprint9	Medium	⊖ Depl... ⊖ ✓Me... ⊖ Test ...	