PROGRESS REPORT

TEAM AWESOME

6440 INTRO HEALTH INFORMATICS

FALL 2018

CREATING THE NEXT®

Georgia Tech

HTTPS://YOUTU.BE/OLITC5_-XY0

PRESENTATION LINK

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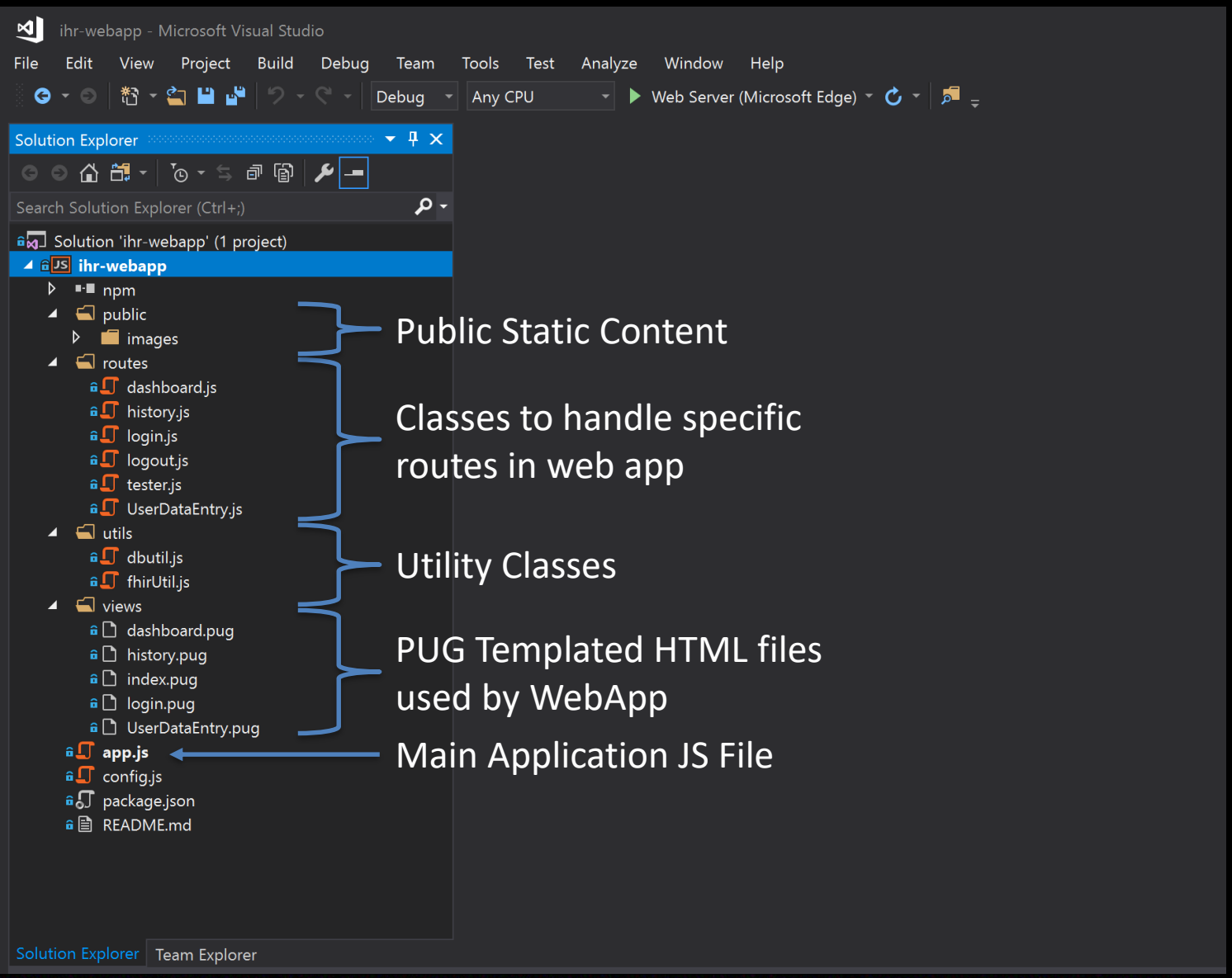
AGENDA

1. Current Project Status
2. What is left?
3. How the WebApp will be deployed?
4. Team Member Gantt Charts
    1. Joseph Honea
    2. Dion Gizas
    3. Eric Lin
    4. Emma Zhang

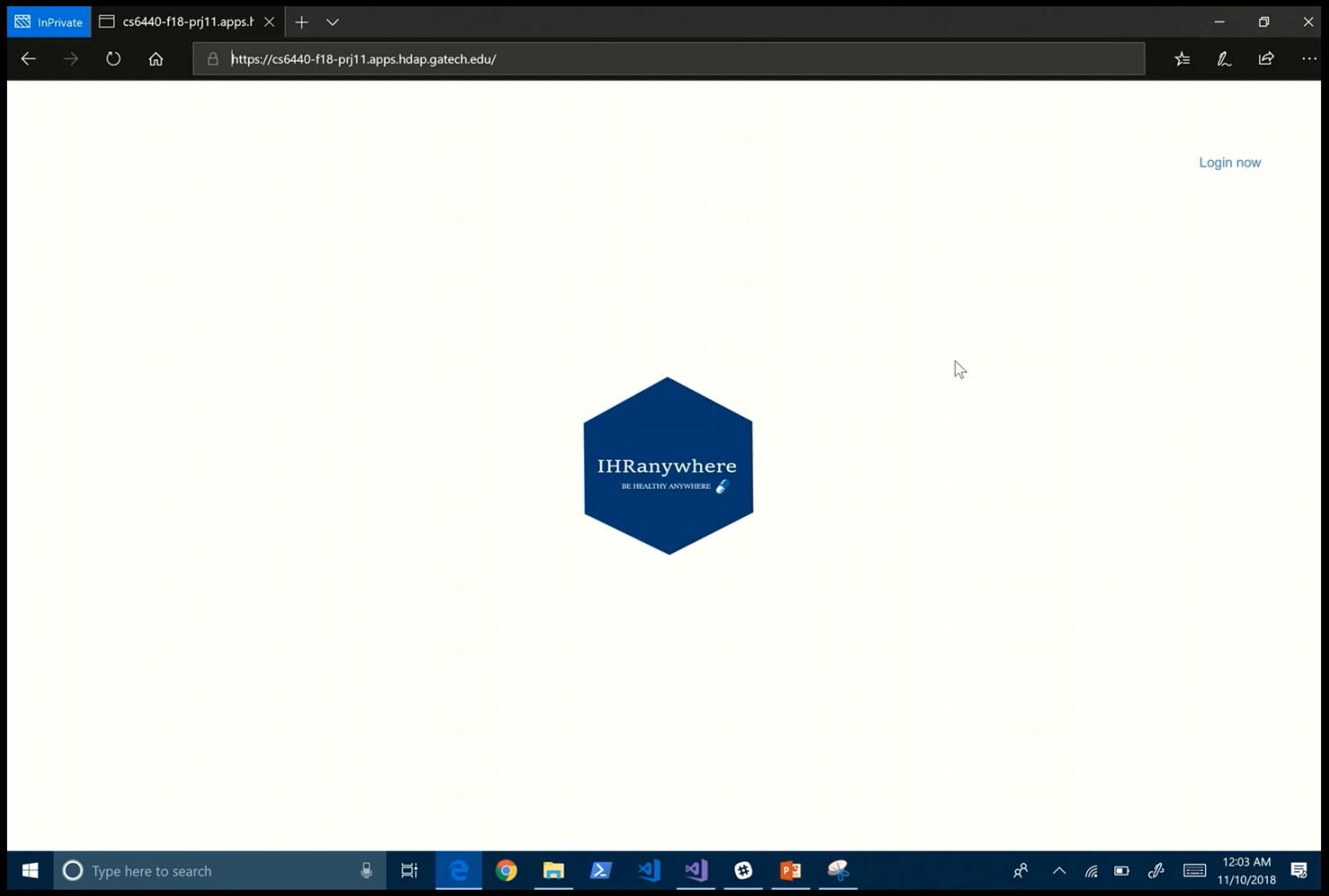
WHAT HAS BEEN DONE

- Implemented main application structure
- Created classes for interacting with and connecting to FHIR resources
- Created classes for interacting with database
- Created main database structures
- OAuth Login using Azure Active Directory
- Settled on main focus area of project
- Set-up deployment model using Docker, Jenkins, and Rancher

CODE OVERVIEW



SITE IMPLEMENTATION



WHAT IS LEFT?

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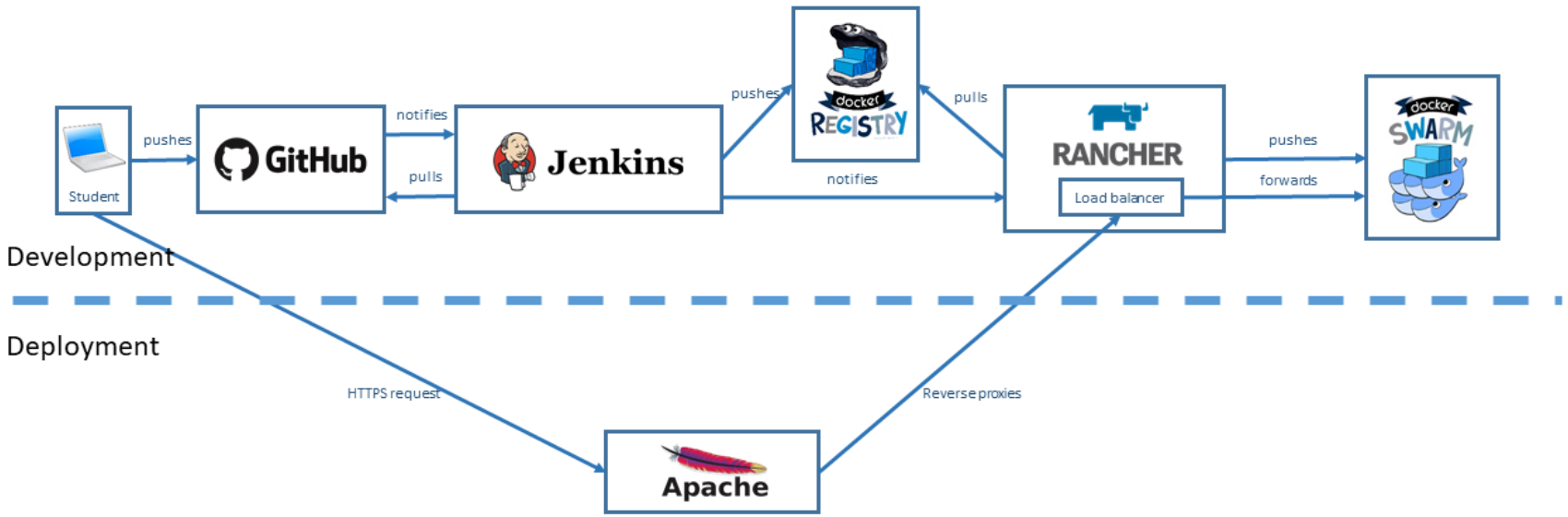
REMAINING ITEMS

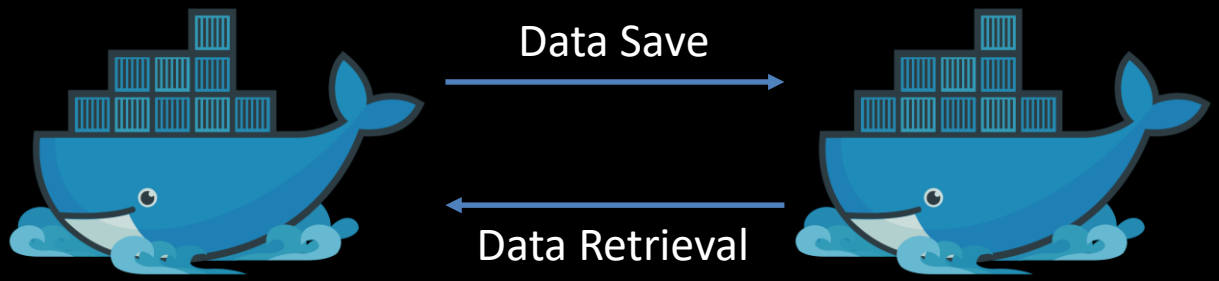
1. Creating newly registered users (After Oauth) in database
2. Updating User Information from web form and saving to database
3. Saving user entered FHIR resources in database
4. Performing queries on FHIR resource for user information and medication lists
5. Adding tasks to user's Microsoft task list or Calendar
6. Provider access for entering data into system for patient
7. User dashboard

DEPLOYMENT MODEL



Deployed URL: https://cs6440-f18-prj11.apps.hdap.gatech.edu

TWO CONTAINERS

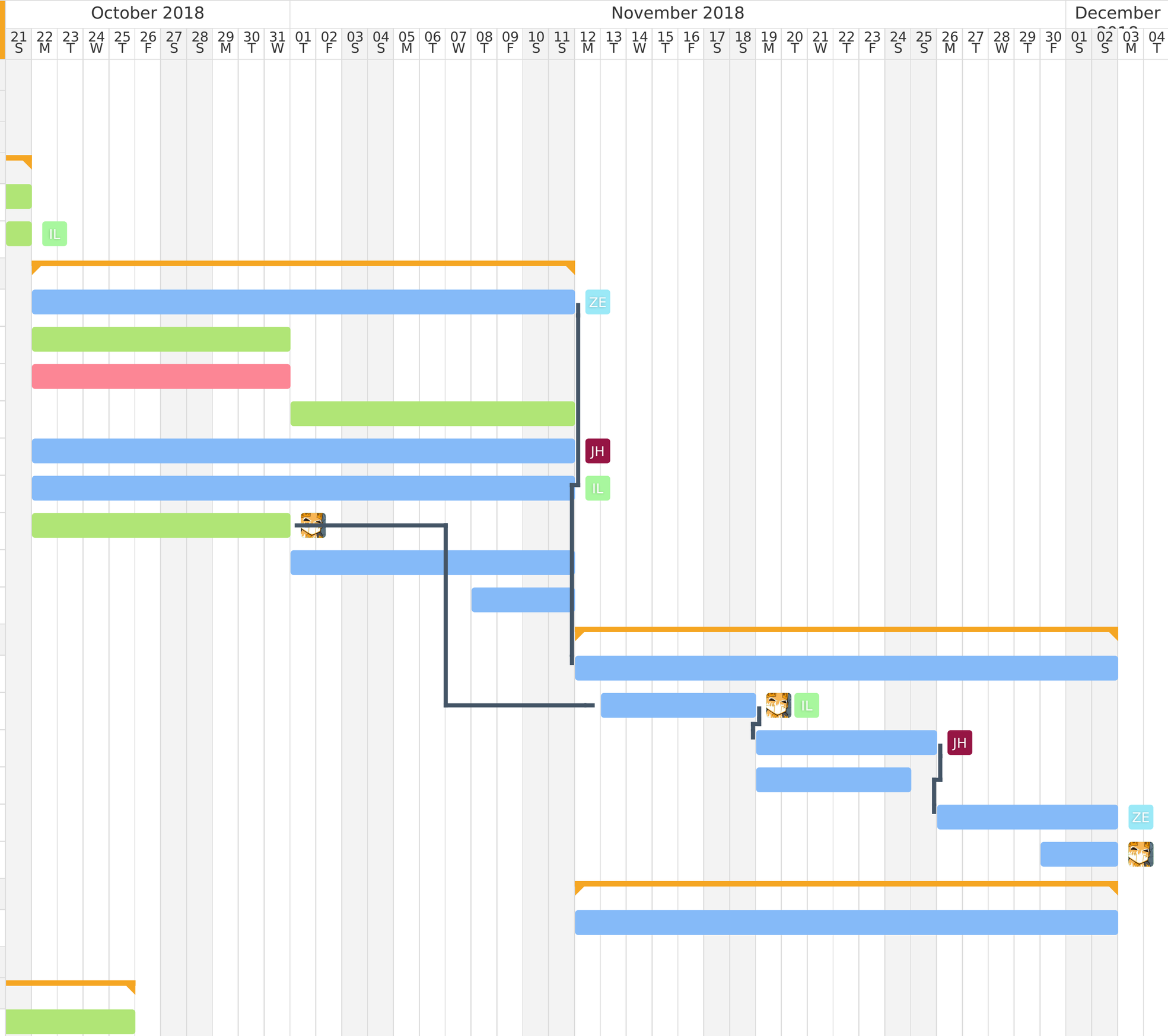


OMSCS 6440

October 2018 | November 2018 | December 2018

21 S | 22 M | 23 T | 24 W | 25 T | 26 F | 27 S | 28 S | 29 M | 30 T | 31 W | 01 T | 02 F | 03 S | 04 S | 05 M | 06 T | 07 W | 08 T | 09 F | 10 S | 11 S | 12 M | 13 T | 14 W | 15 T | 16 F | 17 S | 18 S | 19 M | 20 T | 21 W | 22 T | 23 F | 24 S | 25 S | 26 M | 27 T | 28 W | 29 T | 30 F | 01 S | 02 S | 03 M | 04 T

- Start Here! (And Resources!)
- Backlog
- Deliverable 1
- Deliverable 2
- Deliverable 2
- Deliverable 2 Presentation
- Deliverable 3
- Deliverable 3
- Creating Docker Container
- Create Provider Login
- Create Patient Login
- Create Provider Server interface API
- Set up FHIR compliant web syncing
- Create Patient Data Entry View
- Create Provider Data Entry View
- Presentation Construction
- Deliverable 4
- Deliverable 4
- Linking user data entry form to FHIR
- Linking back end to front end
- Implementing dashboard charts using
- App Testing
- Presentation Construction
- Deliverable 5
- Deliverable 5 - Final Submission
- Complete
- Scheduling Issues
- Joseph out of town



TEAM AWESOME

JOSEPH HONEA	DEVELOPER, QA
ERIC I-HSIN	QA, DEVELOPER
DIONISIOS GIZAS	DEVELOPER, PM
EMMA YUHAN ZHANG	PM, ANALYST, QA

THANK YOU

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