

IT Project Management (IT3040)

Assessment on Tools

Group Number	REG WE 69	
Name		Registration No
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Azure Boards

1. Project Overview

The screenshot shows the Azure DevOps interface for a project named 'Online-Pharmacy-System (MERN)'. The left sidebar contains navigation links: Overview, Summary, Dashboards, Wiki, Boards, Repos, Pipelines, Test Plans, and Artifacts. The main content area is titled 'Online-Pharmacy-System (MERN)' and includes a search bar, a 'Private' status indicator, and an 'Invite' button. Below the title, there is a section 'About this project' with a description of the e-commerce web application and its goals. To the right, there are 'Project stats' for the last 30 days, showing 39 work items created, 27 completed, 0 pull requests opened, and 116 commits by 6 authors. At the bottom right, there is a 'Members' section with 4 team members represented by avatars.

About this project

This project is about an e-commerce web application develop for a pharmacy. Mainly it's designed as a solution for consumers to order the medicines or any other pharmacy related items they need through the online platform by ordering from home and get those items to the doorstep because of this present pandemic situation.

Also, it's improve accuracy and enhance safety, communication and efficiency in the pharmacy system by automating the existing manual system through the implementation of a computerized equipment, and full-fledged web application, fulfilling all requirements, in the process of data management and maintenance of records related to stock, liquid flows, staffs, customers and suppliers.

Languages

JavaScript CSS

Project stats Last 30 days

Boards

39 Work items created 27 Work items completed

Repos

0 Pull requests opened 116 Commits by 6 authors

Members 4

2. Backlog

Online-Pharmacy-System (MERN) Team							
Backlog Analytics + New Work Item View as Board Column Options Issues							
Order	ID	Title	Assigned To	State	Tags		
1	11	Generate stock report (Generate)	it20162382	Doing			
2	6	Search registered customer & generate report (Search/Repo...	it19092898	Doing			
3	5	Remove existing user account from admin side (Delete)	it19092898	Doing			
4	2	Edit user profile (Retrieve/Update)	it19092898	Doing			
5	17	Get user location details & select payment method (Create)	it20129576	Doing			
6	1	User Login/Registration (Create)	it19092898	To Do			
7	19	Generate user invoice (Report)	it20129576	To Do			

3. Sprints

Planning

Drag and drop work items to include them in a sprint.

Online-Pharmacy-System (MERN) Team Backlog

Sprint 2

Current

18/04/2022 - 09/05/2022

Planned Effort: -

22 working days

13

4. Taskboard

itpm-project-2022 / Online-Pharmacy-System (... / Boards / Sprints

Search

18 April - 9 May
22 work days

Online-Pharmacy-System (MERN) Team

Taskboard Backlog Capacity Analytics + New Work Item Column Options

Sprint 2 Person: All

Collapse all

To Do

Doing

Done

Update order status (Update)

14 Make changes (update item quantity or remove items) from the cart & generate total amount (Delete/Update)

it20126292

State Done

41 implement auto increment shopping cart function

Unassigned

State Done

Find & delete data from the payment list (Delete)

Retrieve finalized invoice list & filter invoice list by payment method (Retrieve/Search)

21 Filter user orders & generate sales report (Report)

it20126292

State Done

31 design user friendly UI

Unassigned

State Doing

29 implement search function & design search area

Unassigned

State Done

30 generate report

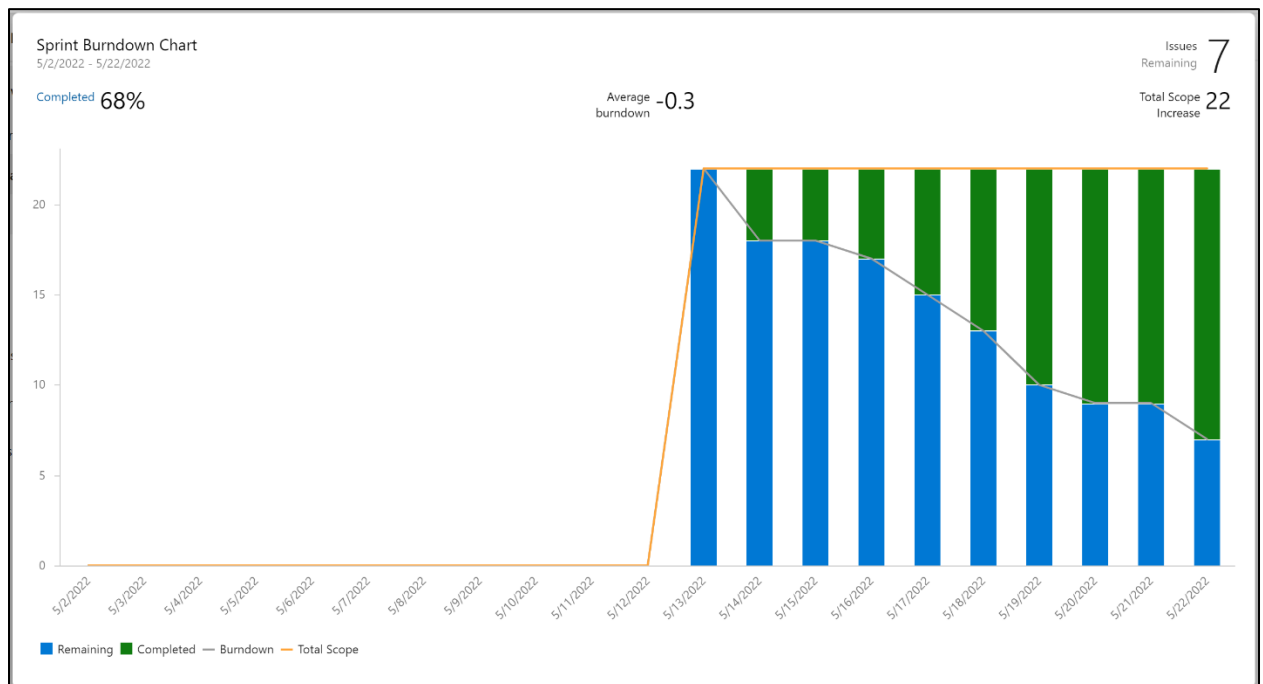
Unassigned

State Done

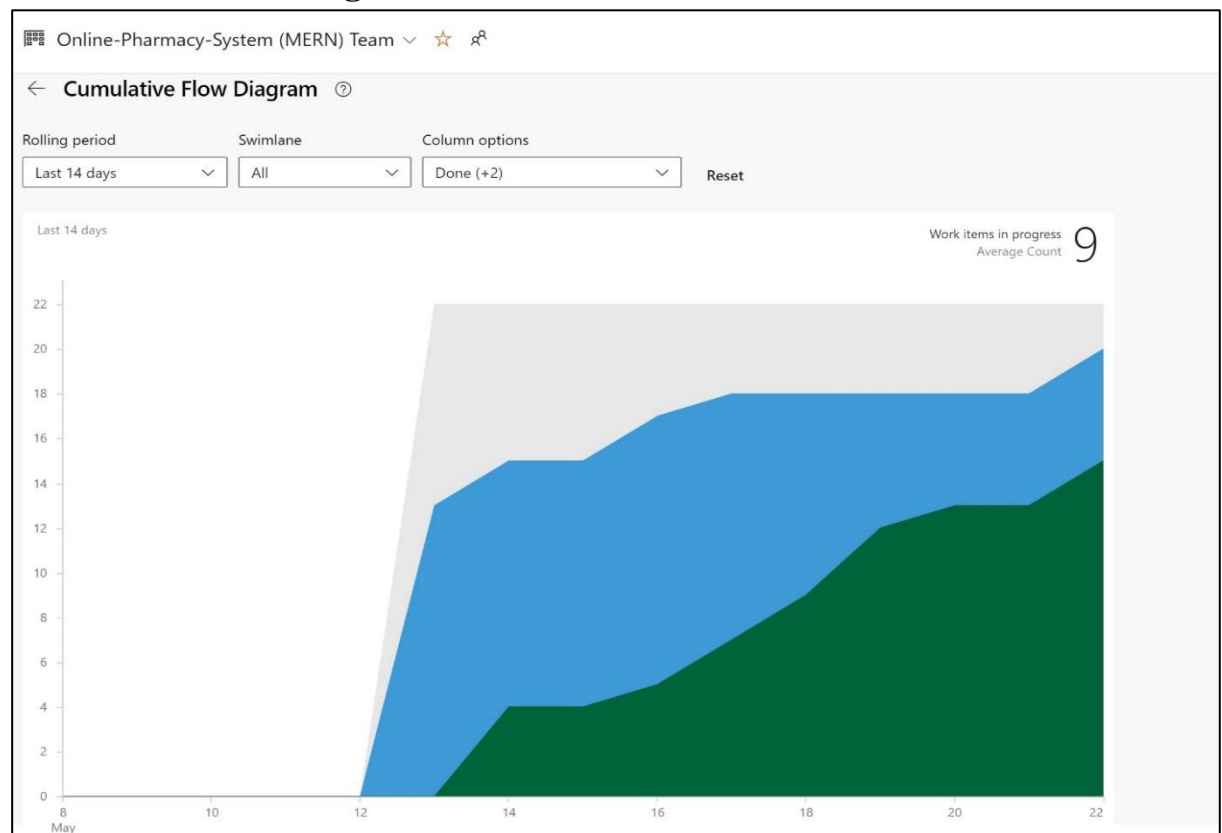
Remove orders from the system (Delete) 2 not started

Generate stock report (Generate)

5. Sprint burndown chart

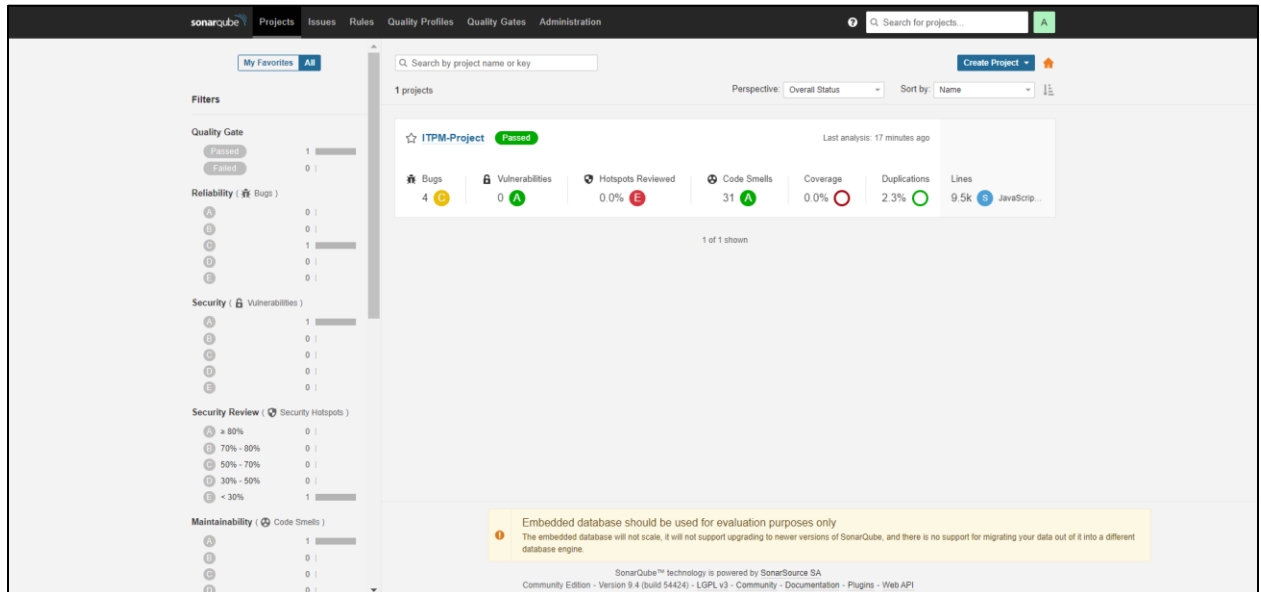


6. Cumulative Flow diagram

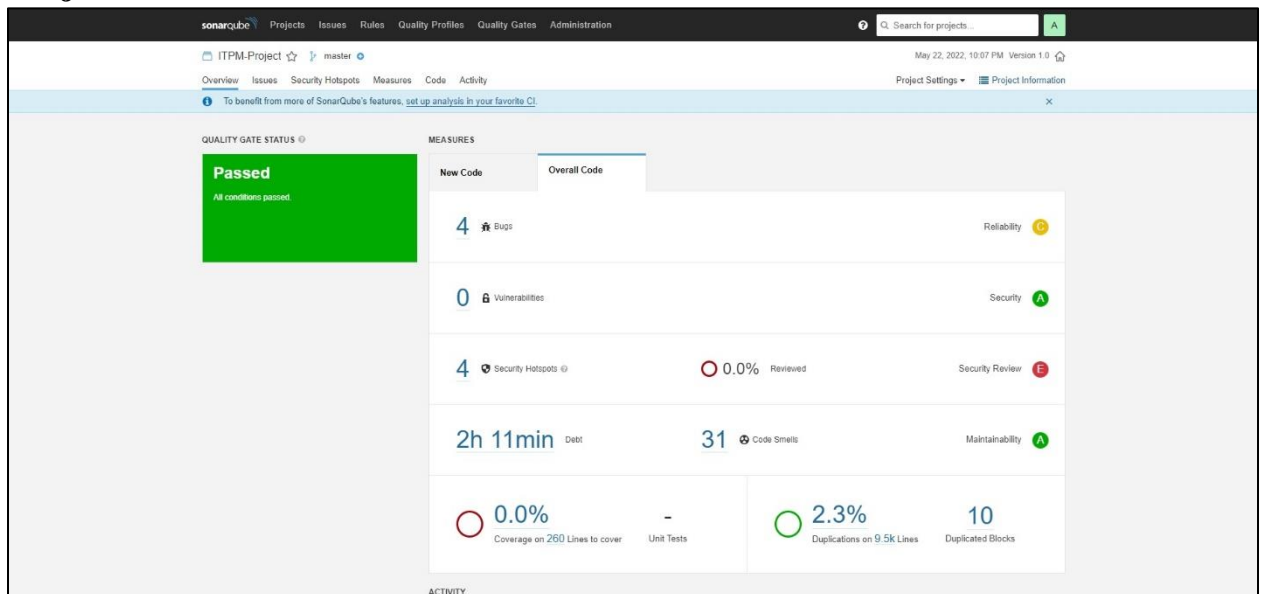


SonarQube

1. Overview status of analyzed projects



2. Project overview



3. Project Issues

The screenshot displays the SonarQube interface for the 'ITPM-Project' master branch. The top navigation bar includes links for Projects, Issues, Rules, Quality Profiles, Quality Gates, and Administration. A search bar is located on the right. The main header shows the project name, branch, and a date/time stamp. Below this, a tabbed interface allows switching between Overview, Issues (selected), Security Hotspots, Measures, Code, and Activity. The 'Issues' tab shows a summary of 1/52 issues with a total effort of 2h 32min. A left sidebar contains filters for Type (Bug, Vulnerability, Code Smell), Severity (Blocker, Critical, Major, Minor, Info), Scope, Resolution, Status, Security Category, Creation Date, Language, Rule, Tag, Directory, File, Assignee, and Author. The main content area lists several issues, each with a checkbox, a description, a severity level, a status, an effort estimate, and a comment. The issues are categorized by file path: BackEnd/routes/details.js, BackEnd/routes/visas.js, FrontEnd/src/App.js, FrontEnd/src/CSS/Footer.css, and FrontEnd/src/CSS/home.css. The issues include 'Remove the unused function parameter "req" or rename it to "_req" to make intention explicit.' and 'Unexpected missing generic font family'.

Filters

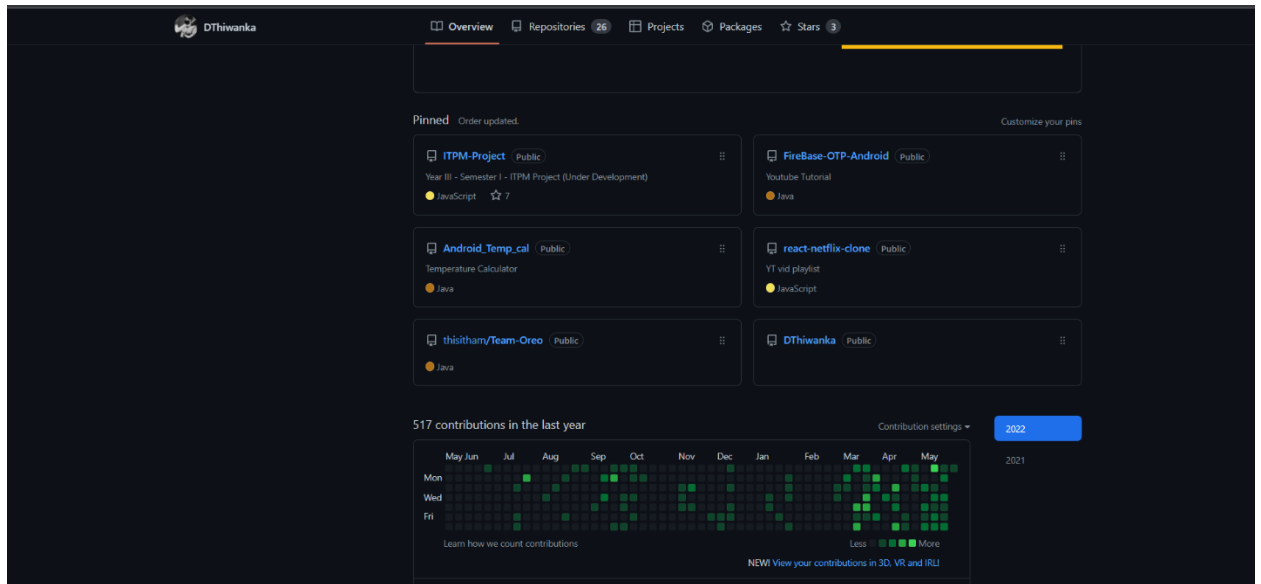
- Type
 - Bug: 4
 - Vulnerability: 0
 - Code Smell: 31
- Severity
 - Blocker: 0
 - Critical: 0
 - Major: 38
 - Minor: 14
 - Info: 0
- Scope
- Resolution
- Status
- Security Category
- Creation Date
- Language
- Rule
- Tag
- Directory
- File
- Assignee
- Author

Issues

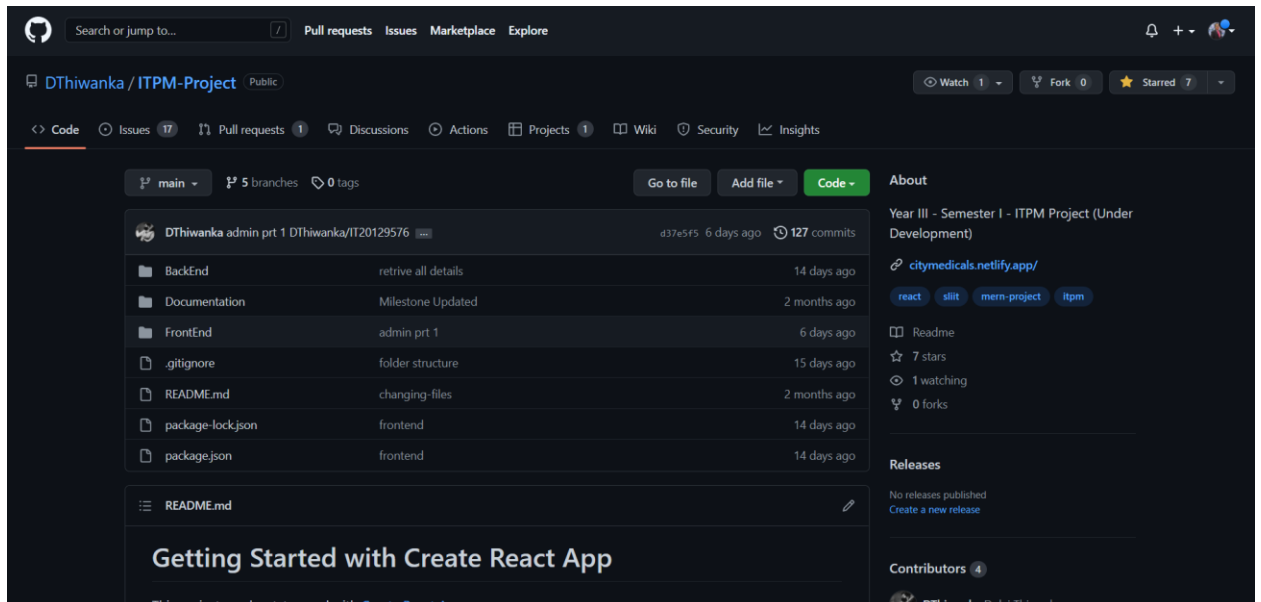
- ☐ Bulk Change
- 1 / 52 issues 2h 32min effort
- BackEnd/routes/details.js
 - ☐ Remove the unused function parameter "req" or rename it to "_req" to make intention explicit. Why is this an issue? 1 month ago • L35 • Y- • unused
- BackEnd/routes/visas.js
 - ☐ Remove the unused function parameter "req" or rename it to "_req" to make intention explicit. Why is this an issue? 1 month ago • L28 • Y- • unused
- FrontEnd/src/App.js
 - ☐ Remove this unused import of 'retrieveIdDetails'. Why is this an issue? 14 days ago • L12 • Y- • unused
- FrontEnd/src/CSS/Footer.css
 - ☐ Unexpected missing generic font family. Why is this an issue? 1 month ago • L40 • Y- • No tags
 - ☐ Unexpected missing generic font family. Why is this an issue? 1 month ago • L44 • Y- • No tags
- FrontEnd/src/CSS/home.css
 - ☐ Unexpected missing generic font family. Why is this an issue? 16 days ago • L56 • Y- • No tags
 - ☐ Unexpected missing generic font family. Why is this an issue? 16 days ago • L126 • Y- • No tags
 - ☐ Unexpected missing generic font family. Why is this an issue? 16 days ago • L131 • Y- • No tags

GitHub

1. Repository view



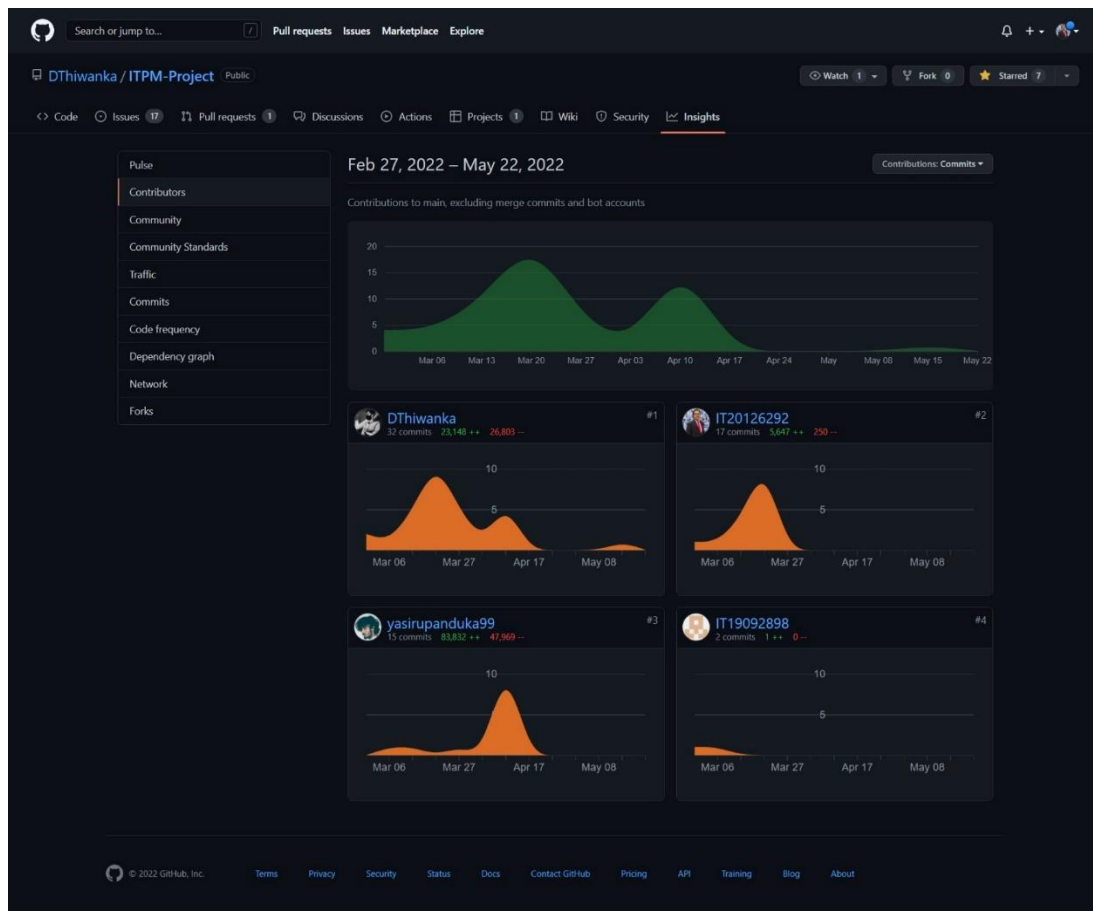
2. File Setup



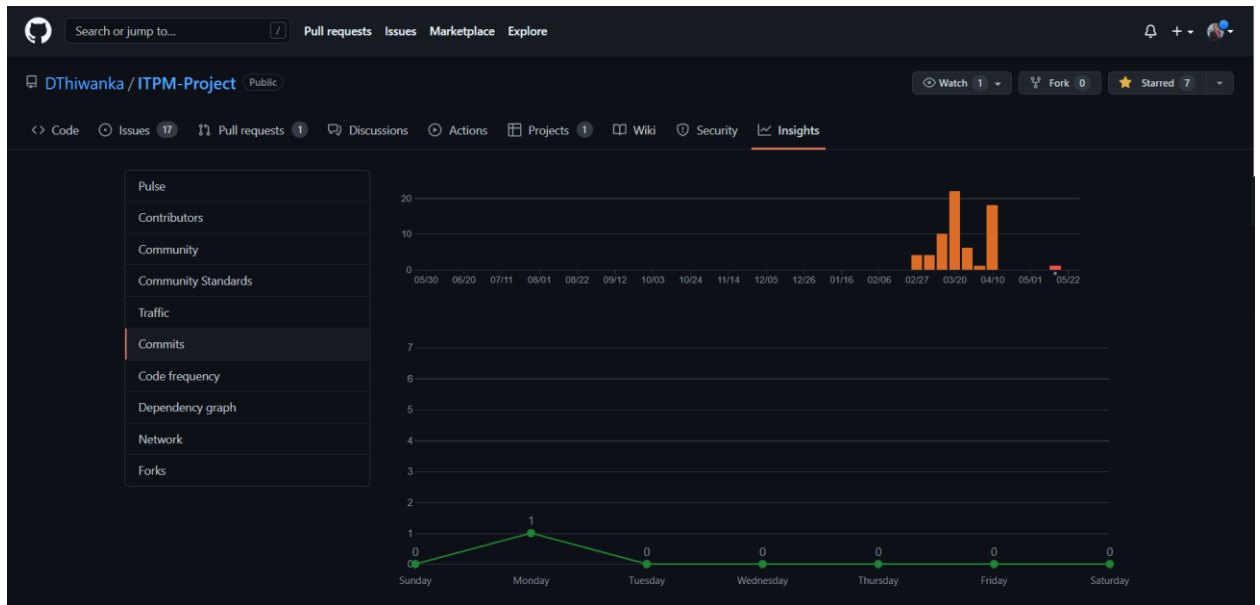
3. Branches

The screenshot shows the GitHub repository page for **DThiwanka / ITPM-Project**. The repository is public and has 17 issues, 1 pull request, and 7 stars. The **Code** tab is selected, showing a list of branches. A dropdown menu is open for the **main** branch, showing a search bar and a list of branches: **main** (default), **IT19092898**, **IT20126292**, **IT20129576**, and **IT20162382**. The right sidebar shows the **About** section, indicating the repository is for **Year III - Semester I - ITPM Project (Under Development)** and includes links to **citymedicals.netlify.app/**, **react**, **slit**, **mern-project**, and **itpm**.

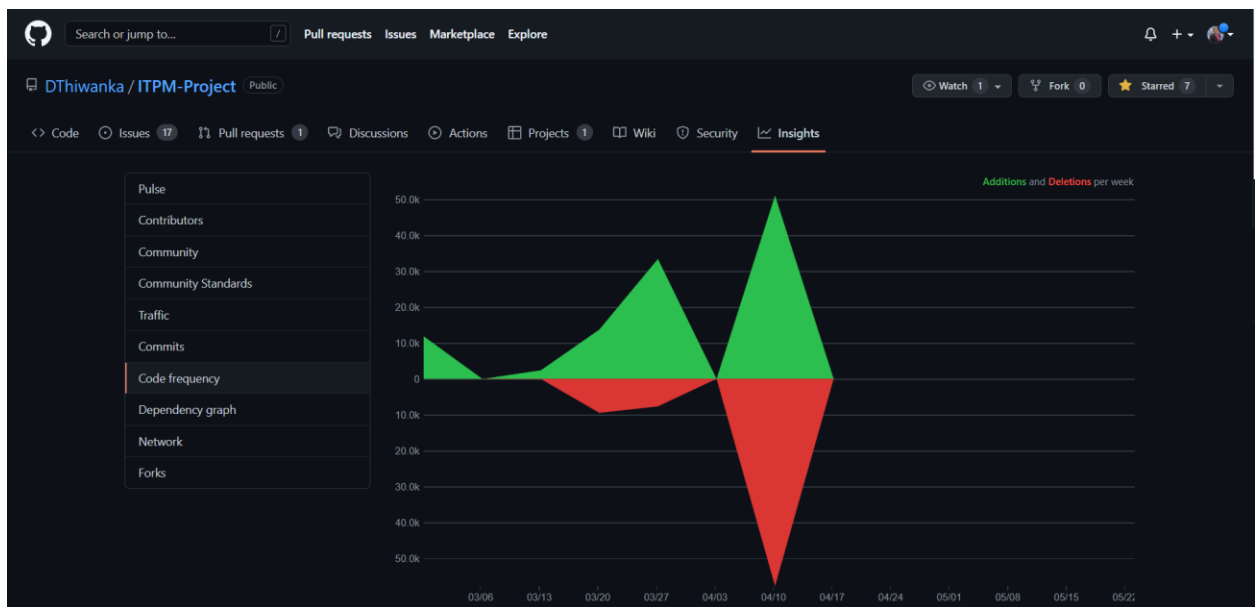
4. Contributors



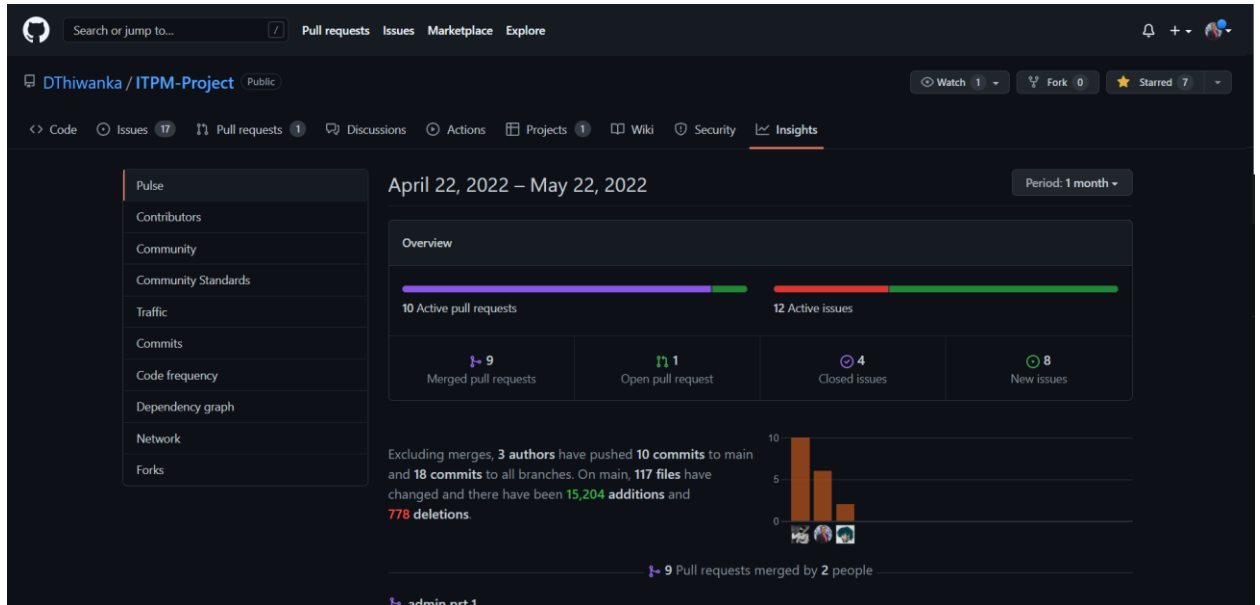
5. Commit Activity



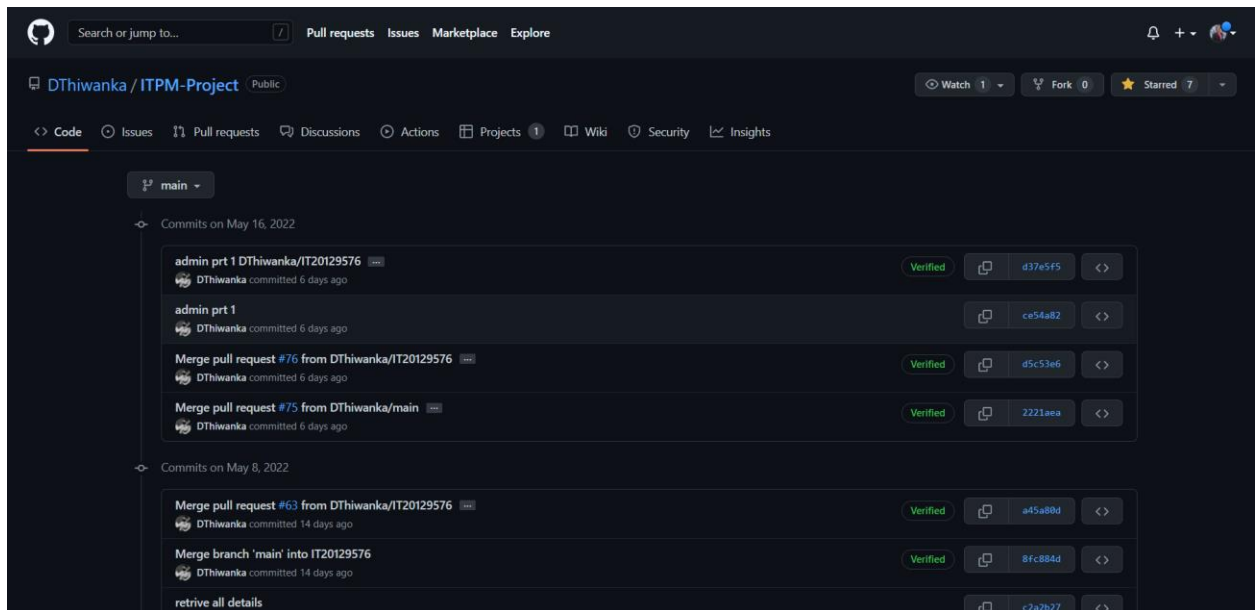
6. Code Frequency



7. Pulse



8. Commit History



9. ReadMe

README.md

Getting Started with Create React App

This project was bootstrapped with [Create React App](#).

Available Scripts

In the project directory, you can run:

npm start

Runs the app in the development mode.
Open <http://localhost:3000> to view it in your browser.

The page will reload when you make changes.
You may also see any lint errors in the console.

npm test

Launches the test runner in the interactive watch mode.
See the section about [running tests](#) for more information.

npm run build

Builds the app for production to the `build` folder.
It correctly bundles React in production mode and optimizes the build for the best performance.

The build is minified and the filenames include the hashes.
Your app is ready to be deployed!

See the section about [deployment](#) for more information.

npm run eject

Note: this is a one-way operation. Once you `eject`, you can't go back!

If you aren't satisfied with the build tool and configuration choices, you can `eject` at any time. This command will remove the single build dependency from your project.

Instead, it will copy all the configuration files and the transitive dependencies (webpack, Babel, ESLint, etc) right into your project so you have full control over them. All of the commands except `eject` will still work, but they will point to the copied scripts so you can tweak them. At this point you're on your own.

You don't have to ever use `eject`. The curated feature set is suitable for small and middle deployments, and you shouldn't feel obligated to use this feature. However we understand that this tool wouldn't be useful if you couldn't customize it when you are ready for it.

Project Name - Online Pharmacy System

Batch - Weekend Batch 3.1

Group Leader - **IT20126292 - Mr. Silva K.V (IT20126292)**

Member 2 - **IT20129576 - Mr. Jayawardana J.K.M.D.T (DThiwanka)**


Member 3 - **IT20200206 - Mr. Pathirana M.P.C.D (IT19092898)**


Member 4 - **IT20162382 - Mr. M.A.Y.P.W Bandara (yasirupanduka99)**


Technologies used - Frontend: HTML, CSS (Bootstrap), React (Framework) Backend: Node JS, Database: MongoDB/Firebase, Main Language: JavaScript


Publish your first package

Contributors 4

 **DThiwanka** Dulaj Thiwanka

 **IT20126292** Kavisha Silva

 **yasirupanduka99** Yasiru Panduka


 **IT19092898** Chathura Dissanayake

Languages

JavaScript 96.6%

CSS 2.9%

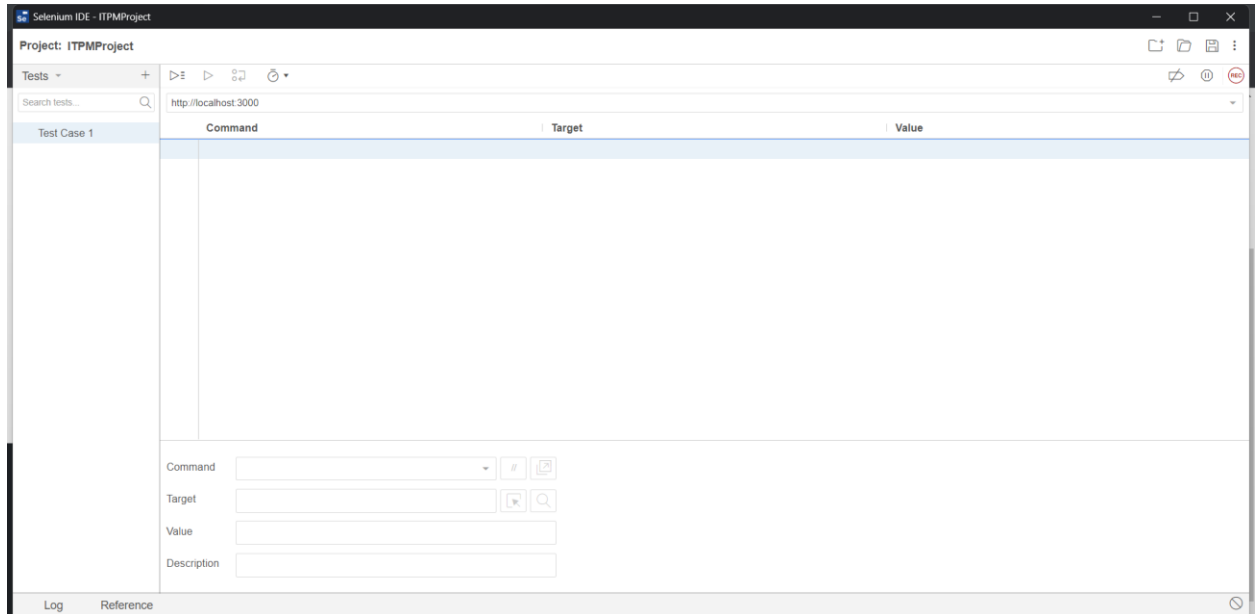
Other 0.5%

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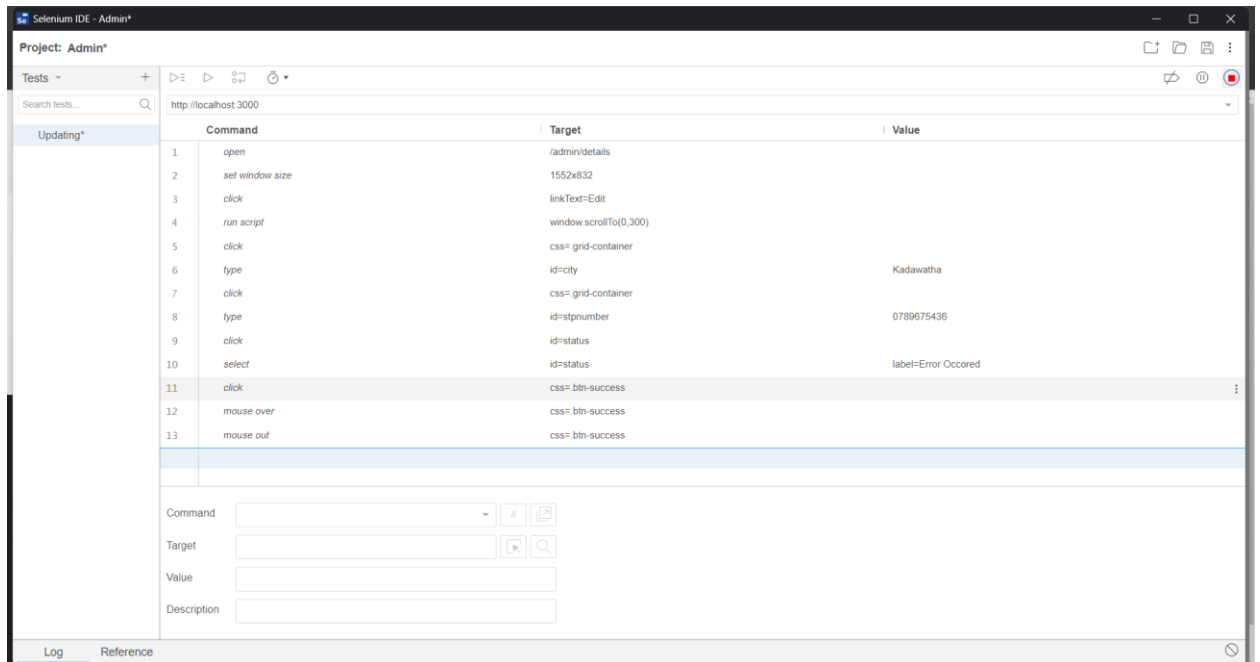
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Selenium

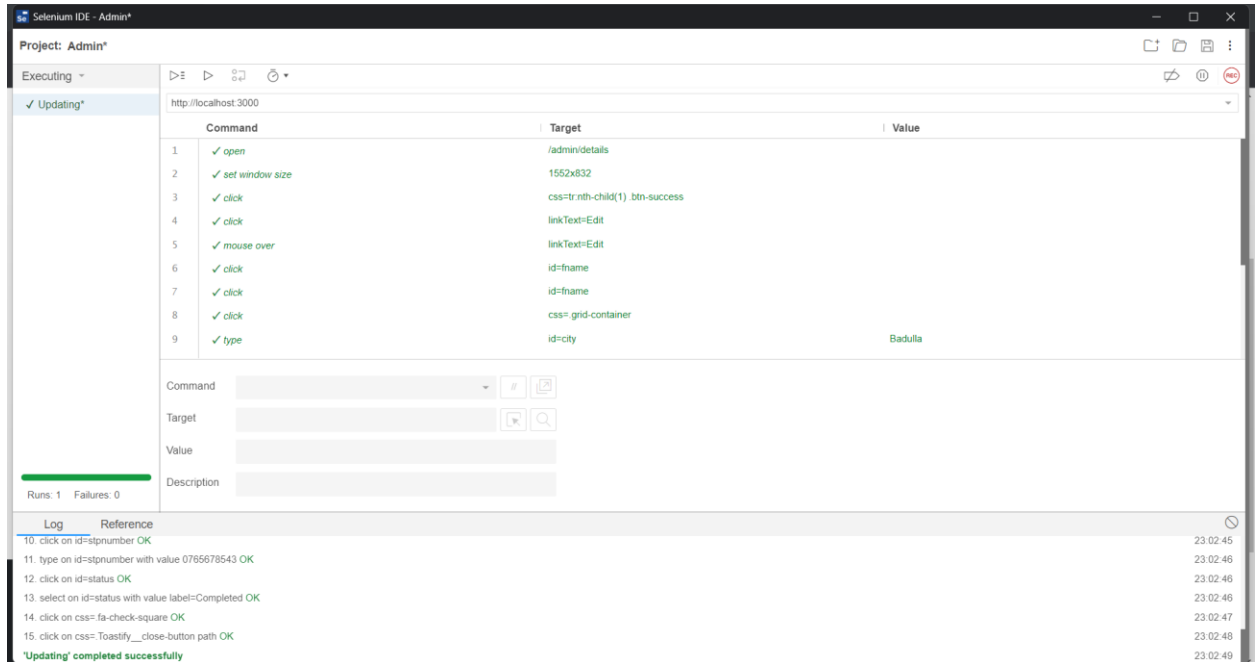
1. Selenium IDE with the base URL



2. Automation Test Script



3. Selenium IDE after running the test case



4. Verify items on the page

