

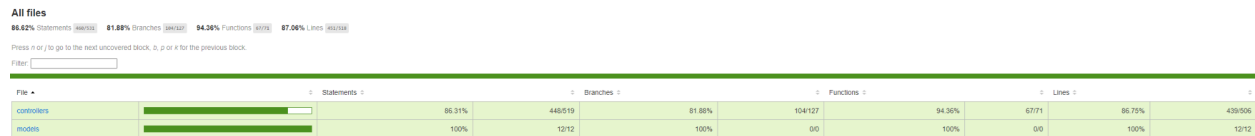
Software Design - HW5

Group 2

GitHub link: github.com/yoshadmun/VolunteerActivities

Code Coverage Report:

To run code coverage report, go to the api folder using the “cd api” command then run “npm test” inside the api folder. Code coverage is above 80%



Team Contributions:

Group Member Name

What is your contribution?

Matin Amoozadeh

Assignment 1: Initial Thoughts and Key Functionalities.

Assignment 2: Login Page, User Registration, and User Profile Management.

Assignment 3: Notification controller and routes, history controller, package files, and server.

Assignment 4: Require functions for mongoose and mongodb-memory-server

Thinh Pham

Assignment 1: Advocated for Agile methodology due to its flexibility and adaptability.

Assignment 2: Event Management, Volunteer Matching Form, and implemented React routing system.

Assignment 3: User + Admin functionalities, connecting frontend to backend, worked on additional controllers and routes.

Assignment 4: Majority implementation of MongoDB and connecting backend with database, and ran code coverage report

Shadmun Talukder Shahed

Assignment 1: Outlined the main components: React-based front-end, back-end.

Assignment 2: Notification System, Volunteer History, and wrote the documentation.

Assignment 3: Volunteer + Event assignment, connecting frontend to backend, and wrote the documentation.

Assignment 4: Users and Events populate method, and wrote the documentation

Note: For the demo, Matin explained the frontend and its functionalities. Shadmun explained the backend and crud operations. Thinh explained the database and how the overall website works.

Report Generation Example:

PDF/CSV: Here is the process of generating a portable document format or a comma-separated values file

1. Sign in as an Admin user
 - a. Example Admin user ID: shadmun123@gmail.com
 - b. Example Admin user Password: Shadmun123.gmail

2. Select Admin button on top-right corner
3. For Volunteer PDF/CSV, select “View Volunteer Profiles”
4. For Events PDF/CSV, select “View Events”
5. Scroll down, and select “Download PDF” or “Download CSV” button

Generated PDF report for Volunteers and Events:

■ volunteers_report.pdf

■ events_report.pdf

Generated CSV report for Volunteers and Events:

[volunteers_report.csv](#)

[events_report.csv](#)