Group Details		
Group Member	**Contribution**	**Discussion Notes**
1. Afra Nawar	- Developed backend Events Management Form files, including routes, service, controller, and middleware - Successfully developed unit test files for Event Management Form files - Developed backend Volunteer Matching Form files, including routes, service, and controller - Integrated all to the front using Axios - Successfully developed unit test files for Volunteer Matching Form files - Helped create backend and unit test files for Profile Form	
2. Jennifer Nguyen	- Set up main application (app.js) for backend - Created environment variables file (.env) for application - Developed Authentication (login and registration) files for backend, including the controller, routes, service, and middleware - Integrated all to the front using Axios - Developed backend Authentication (logic and registration) unit test files, and tested successfully with all files passing - Tested overall application functionality (app.test.js) - Configured environment variables for testing (.env.test) - Developed Volunteer History files for backend, including routes, service, and controller - Integrated all to the front using Axios - Developed unit test files for Volunteer History backend files - Developed Profile Form files for backend, including routes, service, and controller - Integrated all to the front using Axios - Developed unit test files for Profile Form backend files - Made contribution table and filled everyone's contribution on submission document - Finalized answers for technology question	- Reference to Spreadsheet - Will upload everything as pdf to Github @Jenblr
3. Jonathan Hsueh	- Developed backend Notification files,	

	including routes, service, controller, and middleware - Successfully developed unit test files for Notification files - Developed backend calendar files, including routes, service, and controller - Integrated all to the front using Axios - Successfully developed unit test files for calendar files - Helped write answers for backend technology questions	
4. Sofia Davila	- Tried to create files for Profile Form but unable to complete - Tried to create Volunteer History but unable to complete	Jennifer Nguyen took over responsibility of both with help of Afra's base files for Profile Form

Q: Back-End Technologies + Why		
Aspect	**Technology**	**Why**
Unit Testing	Jest	Jest is perfect for our project because it makes testing our JavaScript code straightforward, both on the backend (Node.js) and front-end (React components). It's known for its ease of use, fast performance, and support for mocking, which is essential when we're testing parts of the app that rely on external services or APIs. Using Jest, we can ensure our controllers, services, and routes are working exactly as expected.
Backend integration in frontend	Axios	We chose Axios for making HTTP requests between the front-end React and the backend Express server because it simplifies fetching and sending data (like volunteer history, event information, etc.), and it's easy to use for managing things like token-based authentication or error handling.
Backend	Node.js w/ Express.js	Node.js lets us write JavaScript on the server, which is great because it means we can use a consistent language across the entire stack. Express.js adds the framework to easily set up routes, middleware, and APIs for our app. Together, they allow us to create efficient, scalable, and maintainable backend logic—handling everything from user authentication to event management.
Backend	Postman	Before integrating the frontend, we like to use Postman to ensure our API endpoints (such as login, event creation, or updating volunteer status) are functioning correctly. By simulating different HTTP requests, we can quickly catch and fix issues. It helps us debug and validate our API responses without needing the full

		front-end interface.