# Peer Evaluation Form

Each individual team member is required to fill this evaluation form individually and confidentially. You will include your name and rate yourself along with the others group members.

Write the name of each of your group members in a separate column. Rate each group member’s contribution based on STRONGLY AGREE (5), AGREE (4), NEUTRAL (3), DISAGREE (2), or STRONGLY DISAGREE (1). Then, total the numbers in each column.

The form needs to be sent directly to your tutor (not UA) before the assessment is due. The email title should be “PROG2002\_A3\_[Team\_ID]\_[Member\_name]”. For example, “PROG2002\_A3\_GC1\_NehemiaSugianto”.

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| --- | --- | --- | --- |
| **Evaluation Criteria** | **Your name:**  **Ziyu Fei** | **Group member 2:**  **Donghui Lu** | **Group member 3:**  **Jiamu Rao** |
| **Attends group meetings regularly and arrives on time.** | (5) | (5) | (5) |
| **Contributes meaningfully to group discussions.** | (5) | (5) | (5) |
| **Carries out tasks without overly depending on other team members.** | (5) | (5) | (5) |
| **Demonstrates quality work assigned based on the role agreed.** | (5) | (5) | (5) |
| **Demonstrates a cooperative and supportive attitude.** | (5) | (5) | (5) |
| **Contributes significantly to the success of the assessment.** | (5) | (5) | (5) |
| TOTALS | 30 | 30 | 30 |

**Workload allocation between members:**

* [Group member 1]: Fill this with your individual contribution

**API Developer**

Name: **ZiyuFei**

Date: October 2024

Project Name: Fundraising Platform API Development

**job content:**

Set up and configure the server-side environment, and created API services using ExpressJS.

Implemented the following APIs:

GET/fundraisers/active: Get all active fundraising projects.

GET/fundraisers/search? City=xxx&categoryId=xxx: Filter fundraising projects based on city and category.

GET/fundraiser/: id: Get detailed information about a fundraising project.

Added API documentation to help front-end developers understand how to call APIs.

**Work progress:**

The basic functions of the API have been completed, the API testing has passed, and the connection with the database is normal.

Fixed some cross domain issues and resolved cross domain request restrictions in front-end and back-end interactions through cors.

Problems encountered and solutions:

Problem: Encountered cross domain access issues when configuring the API for the first time. Solution: By introducing the cors library in Express.exe, configure cross domain access support.

Problem: The data format returned by the SQL query does not meet expectations. Solution: Fixed the structure of query statements and returned data to ensure correct field names and formats are returned.

**Next plan:**

According to front-end requirements, improve more API endpoints and data filtering logic.

Collaborate with Rao Jiamu to optimize the data table and ensure performance.

* [Group member 2]: Fill this with your individual contribution

**Front end developer**

Name: **Donghui Lu**

Date: October 2024

Project Name: Front end Development of Fundraising Platform

**job content:**

Create the homepage, search page, and detail page of the fundraising platform using HTML, CSS, and JavaScript.

Integrated API in the search page, using fetch to send requests and receive data.

Implemented the function of screening fundraising projects based on city and category.

Added detailed information display of fundraising projects on the details page and implemented interaction of donation buttons.

Optimized the layout and style of the page, making the interface responsive and compatible with mobile devices.

**Work progress:**

The basic layout of the front-end page has been completed.

The search result table has been successfully integrated with the API and can display data based on the user's search criteria.

After clicking the "Details" button, it will redirect to a new page and display detailed information about the fundraising project.

Problems encountered and solutions:

Problem: When the data obtained through the API is displayed in a table, the style is distorted. Solution: Adjusted the CSS style of the table to ensure data is displayed correctly, and added a mouse hover effect to the table.

Problem: A 404 error occurred when calling the API, causing data to not be displayed. Solution: Communicated with the API developer and found that the URL path was incorrect. After fixing the path, the problem was resolved.

**Next plan:**

Further optimize the interface to enhance user experience.

Add functional prompts for the donation button and conduct more user interface testing.

Continue to interface with backend APIs, obtain more data and display it.

* [Group member 3]: Fill this with your individual contribution

**Database designer**

Name: **Jiamu Rao**

Date: October 2024

Project Name: Fundraising Platform Database Design and Management

**job content:**

I created the crowdfunding-db database using MySQL and designed the following key data tables:

FUNDRAISER: Fundraising project information.

CATEGORY: Category of Fundraising Projects.

Set up foreign key relationships between tables to ensure that the category IDs in the FUNDRAISER table are consistent with those in the CATEGORY table.

Imported test data and conducted preliminary performance optimization on the table structure.

Collaborated with API developers to write SQL statements for querying fundraising projects, ensuring the ability to filter data based on city and category.

**Work progress:**

The data table design and preliminary optimization have been completed.

The test data was successfully imported and seamlessly integrated with the API.

Adjusted the naming conventions for some data table fields to facilitate better use by developers.

Problems encountered and solutions:

Problem: When importing data for the first time, it was found that some fields did not match the incoming data from the frontend. Solution: Communicated with front-end developers, adjusted the table structure, and added necessary fields.

Problem: Some queries have low efficiency and slow page loading speed. Solution: Created indexes for the CITY and CATEGORY-ID fields in the FUNDRAISER table, significantly improving query performance.

**Next plan:**

Optimize the query performance of the database, especially the response speed in the case of large amounts of data.

Collaborate with API developers to continue adjusting SQL query statements to ensure efficient processing of all API requests.

Prepare to backup and deploy data to online servers.

**Feedback on team dynamics:**

1. How effectively did your group work?

Our group worked effectively by dividing the tasks (API development, frontend, and database management) among the three members. Each member had a clear responsibility, which minimized overlap and confusion. Communication was consistent, and regular meetings ensured that everyone stayed on track. Despite a few challenges in coordinating the API integration, the group maintained a collaborative approach to solving problems.

1. Were the behaviors of any of your team members particularly valuable or detrimental to the team? Explain.

· **Valuable Behaviors**: One team member showed great leadership by organizing our tasks and ensuring deadlines were met. Their ability to keep the team motivated and focused on our goals was invaluable. Another team member's technical expertise in backend and API development played a key role in overcoming some critical issues. They were always ready to explain difficult concepts and help others when needed.

· **Detrimental Behaviors**: There were a few instances where communication breakdowns occurred, mostly when one team member did not update the group about delays or challenges. This led to slight delays in integrating different parts of the project. However, once the issue was raised, the team was able to address it and move forward.

1. What did you learn about working in a group from this assessment that you will carry into your next group experience?

One key lesson learned is the importance of clear and constant communication. Keeping everyone informed, especially when facing difficulties, ensures that no one is left out or working in isolation. Additionally, having a defined structure for roles and responsibilities from the start helps in maintaining focus. Finally, I’ve learned that empathy and flexibility are critical in a team environment—being understanding of teammates’ schedules and working styles can lead to better overall collaboration. I will carry these insights into my next group experience.