**Gold Coins and Personal reflection**

According to the *Academic integrity policy*, plagiarism is:

*"Claiming and using the thoughts or writings or creative works of others without appropriate acknowledgement or attribution.  It includes:  
(a)  copying part or all of another student's assignment;  
(b)  allowing another person to write some or all of an assignment;  
(c)  copying paragraphs, sentences or parts of sentences directly from texts or the internet without enclosing them in quotation marks or otherwise showing them to be copied - even if the source is acknowledged, this is still plagiarism;  
(d)  using concepts or developed ideas, even if paraphrased or summarised, from another person, from texts or the internet without acknowledging the source;  
(e)  copying graphics, architectural plans, multimedia works or other forms of intellectual property without appropriate acknowledgment."*

The consequences of plagiarism (depending on the seriousness of the case) range from reducing your mark or failing the assignment up to a formal reference to a summary inquiry:

|  |
| --- |
| *By signing below I certify that the attached assignment is my own work.*  Student Id:                             Student Name:                         Signature:  102210160 Hồ Sĩ Hoàng  102210177 Trần Ngọc Minh Nhật  102210184 Vũ Hồng Sơn  102210185 Trần Đức Tân |
|  |

**Assessors Comments & Grade:**

|  |  |  |
| --- | --- | --- |
| **No.** | **Student name** | **Coins** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| Total Coins | |  |

**Gold Coin Allocation:**

The material in this report is used to assist us in the assessment of the contribution that each team member made to the team’s project.

Each team member receives a mark out of 100 to reflect this contribution based on your comments, the comments and gold coins allocated by the other members of your team, and input from your tutor and the lecturer.

The assessment of this report is managed in three parts:

1. Your Reflection and your Gold Coin Allocation will assessed for the quality of your evaluation and insights into your project, group processes, and comments on your team member and your own contributions; and
2. The perceived value of your contribution to the design project by your team members and your tutor.
3. The design of your document quality statement and the application of the associated quality measures.

**Individual Debriefing Report :: Part 1**

**Part 1. Reflection on Project.**

*A Critique of the project and its development:*

***For things that went wel****l*

*what were they, how did they benefit your group work and project?*

* Successfully building an app (reddit-like) that allows users to search for community or create one for people who share the same interests. Users can create post in many ways (image, text, link) as well as implement complete CRUD for posts, user profiles and communities so that users can freely control their contents. Beside, there are comment sections which include reply mechanism which can heighten users interaction experience. More than that, our app also have karma system which can tell how users actively interact with communities along with showing whether they are evaluated positively or negatively. Having role assigning system that differentiate moderators and casual users along with limiting anonymous user features.

***For things that did not go well***

*what were they, why did they happen, what might have happened, what skills or knowledge did you not have, how should you have acquired them?*

* Link in posts worked but the link previews in post have trouble when fetching.
* Having issue in preview link in post.
* Can’t zoom in post’s photo when touched, can only navigate it to the post detail and comment section.
* The overall app design can be considered too simple and tedious.

***In what ways could the group work have been improved?***

* In the future, the app can have updates that allow user to search and follow other users.
* Adding more sign-in methods.
* Reply in comments can have more layers as well as have it own upvote/downvote format.
* There should be a banning/warning system for users with low karma as well as rewards for the positive users.
* Implement notification function.

***Your design, documentation and presentation techniques***

*how satisfactory were they?*

Overall, the application's interface aligns well with our envisioned goals. However, the design appears to be unduly simplistic and will require more graphic enhancements in future updates.

***Your finished product***

*give a brief assessment.*

Objective:

To create a Reddit-like application using Flutter framework, following the Model-View-Controller (MVC) architecture pattern. The application should allow users to interact within communities, create various types of posts, engage in CRUD operations for posts, user profiles, and communities, implement comment sections with reply mechanisms, incorporate a karma system to gauge user activity and reputation, and establish role assignment to differentiate between moderators and casual users.

Requirements:

1. Platform Features:
   * User registration and authentication system.
   * Community creation and search functionality.
   * Post creation with options for text, image, and link formats.
   * Full CRUD operations for posts, user profiles, and communities.
   * Comment sections under posts with reply mechanisms.
   * Karma system to track user activity and reputation.
   * Role assignment system distinguishing moderators from casual users.
   * Limit the capabilities of anonymous users
2. User Interface:
   * Intuitive and user-friendly interface design.
   * Clear navigation for accessing communities, posts, and user profiles.
   * Visually appealing layout for posts, comments, and community pages.
   * Responsive design compatible with various devices and screen sizes.
3. Backend Integration:
   * Set up backend services (Firebase) to store and retrieve user information, posts, comments, and community data..
4. Testing:
   * Conduct thorough testing to ensure the functionality, performance, and security of the platform.
   * Perform unit tests, integration tests, and end-to-end tests to identify and fix any issues.
   * Gather user feedback through beta testing to iterate and improve the prototype.
5. Deliverables:

* A fully functional Reddit clone developed using Flutter with MVC architecture.
* Presentation/demo showcasing the features and functionality of the Reddit clone.

***A Bibliography of reference to group work***

[Flutter Course for Beginners - YouTube](https://www.youtube.com/watch?v=VPvVD8t02U8)

[Reddit - Dive into anything](https://www.reddit.com/)

[Getting started | Riverpod](https://riverpod.dev/docs/introduction/getting_started)

[Docs | Flutter](https://docs.flutter.dev/)

[Firebase Documentation (google.com)](https://firebase.google.com/docs)

[Basic And Simple Flutter Reddit App (youtube.com)](https://www.youtube.com/watch?v=B8Sx7wGiY-s)

["Building a Reddit Clone with Flutter. A Thread ⤵️" / X](https://x.com/0xAbhishekk/status/1758039192947589355?t=ZLSwxh-w7v9MQ_O7JnZH1A)

**Individual Debriefing Report : Part 2**

**Part 2. Team Evaluation**

For each of your team members (including yourself), summarise and comment on their contribution to the work (consider their attitudes especially willingness to contribute), knowledge, written contribution, attendance at meetings, contribution to the presentation, helping keep the group together and working well, leadership, etc). If your team was given **100 gold coins** to reward it for its work, how many coins would each member get (including yourself)?

**Team Member Name Contribution: Number of Coins**

My name:

1: \_\_\_\_\_\_\_\_\_ Hồ Sĩ Hoàng \_\_25

* Bottom navigation bar.
* Add-post-type screen.
* Post Creating Screen UI.
* Create post with: text, image or link.
* Fetching Feed Post on homescreen.
* Comment on post.
* Confirm dialog at some deleting section and log-out.
* Participate in preparing and doing presentations.
* Attend all the meetings.
* Have positive attitude when working in a team.
* Willing to do research and share knowledge.

2: \_\_\_\_Trần Ngọc Minh Nhật \_\_25

* Login screen UI.
* Home screen UI.
* Community list drawer.
* Support in config Firebase database.
* Community UI.
* Moderator feature page UI.
* Create and editing community.
* Implement Firebase storage.
* Display newsfeed on user profile.
* Displaying newsfeed on community page.
* Fix others UI screen and fetching bugs.
* Anonymous-Guest login.
* Limit guest accessibility.
* Participate in preparing and doing presentations.
* Attend all the meetings.
* Doing this “ Gold Coins and Personal Reflection”.
* Have positive attitude when working in a team.
* Willing to do research and share knowledge.

3: \_\_\_\_\_\_\_Vũ Hồng Sơn \_\_25

* Config Firebase database.
* Implement google authentication log-in.
* Search community.
* User profile drawer UI.
* Reply function.
* Edit post.
* Karma feature depends on post’s upvote, downvote count.
* Fix account state persistence bug.
* Participate in preparing and doing presentations..
* Attend all the meetings.
* Have positive attitude when working in a team.
* Willing to do research and share knowledge.

4: \_\_\_\_\_\_\_\_\_\_Trần Đức Tân \_\_25

* Join / Leave community
* Log-out function
* Assign moderator(s) in a community
* Personal User Profile UI
* Edit User Profile
* Theme toggle (dark mode / light mode)
* Delete Post
* Upvote, Downvote
* Post deleting option for moderators
* Participate in preparing and doing presentations
* Attend all the meetings.
* Have positive attitude when working in a team.
* Willing to do research and share knowledge.