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November 11, 2021

ENTERPRISE WEB SOFTWARE DEVELOPMENT INDIVIDUAL REPORT

COMP1640 – COURSEWORK

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I. Evaluation of team

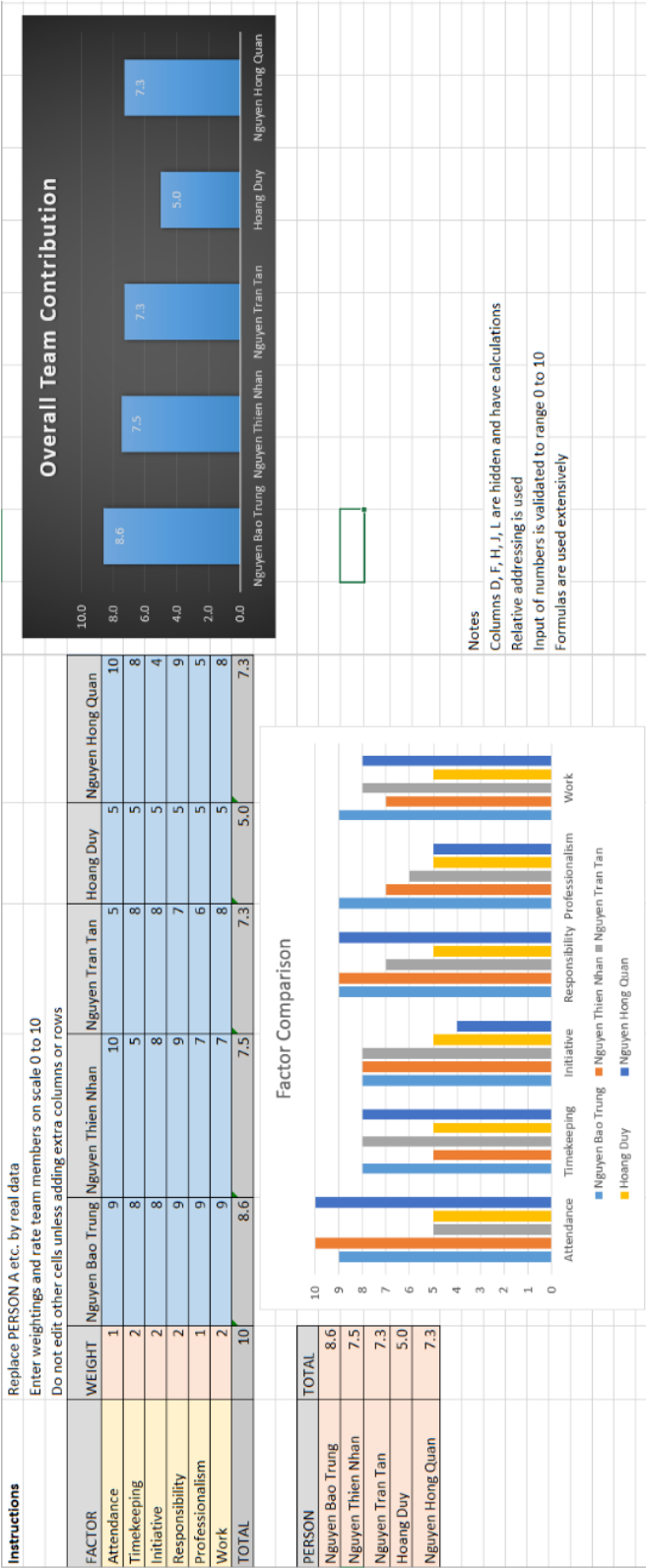


Figure 1. Evaluation Teamates

Here is some evaluation and mark point that I gave for my teammate base on their work for group. Base on chart and point that describe what is happen during this course and what my teammate done for group. I create a table to evaluate them below.

No.	Member of team	Work assigned in the project	workload in the project (%)	Complete levels(%)	Evaluation	Rating scale	Total (%)
1	Nguyen Tran Tan	<ul style="list-style-type: none"> Font-end 	22	98	Collaboration: <ul style="list-style-type: none"> good cooperation with team members bind members together Participation <ul style="list-style-type: none"> Missing some meetings Attitude <ul style="list-style-type: none"> not very active Independence <ul style="list-style-type: none"> work independently Communication <ul style="list-style-type: none"> Good communication with all team members Responsiveness	good	30

						<ul style="list-style-type: none">Design website interface, design layouts for the team, complete the work on time, try to find the right templates.		
2	Nguyen Bao Trung (leader)	<ul style="list-style-type: none">ResearchBack-endTestingdatabase	28	98		<p>Collaboration:</p> <ul style="list-style-type: none">cooperate well with all team members, regularly remind members to work <p>Participation</p> <ul style="list-style-type: none">attend most of the group's meetings <p>Attitude</p> <ul style="list-style-type: none">actively assign and hand over work <p>Independence</p> <ul style="list-style-type: none">Work independently, complete the work within the allotted time	Excellent	36

					<p>Communication</p> <ul style="list-style-type: none"> Communicate well with other team members, urge members to complete the work. <p>Responsiveness</p> <ul style="list-style-type: none"> Do back-end, design logics and algorithms for the product. Design the database and connect to the website 				
3	Hoang Duy	<ul style="list-style-type: none"> Testing Research 	15	90	<p>Collaboration</p> <ul style="list-style-type: none"> bad cooperation with the members <p>Participation</p> <ul style="list-style-type: none"> frequently absent from meetings <p>Attitude</p>	Barely Acceptable	27		

					<ul style="list-style-type: none">quite positive attitude Independence <ul style="list-style-type: none">depends on team members, waiting for assignment reminder Communication <ul style="list-style-type: none">pretty good communication Responsiveness <ul style="list-style-type: none">Software Testingacademic research		
4	Nguyen Thien Nhan	<ul style="list-style-type: none">Use case diagramERD	20	95	Collaboration <ul style="list-style-type: none">good cooperation with everyone Participation <ul style="list-style-type: none">fully participate in meetings Attitude <ul style="list-style-type: none">Positive attitude, get the job done early	Good	30

						<p>Independence</p> <ul style="list-style-type: none">depend on the results of the product to write the reportproactively get the job done <p>Communication</p> <ul style="list-style-type: none">communication is not very good <p>Responsiveness</p> <ul style="list-style-type: none">Design the diagrams for the projectSoftware report writing		
5	Nguyen Hong Quan	<ul style="list-style-type: none">PrototypeWrite report	17	95		<p>Collaboration</p> <ul style="list-style-type: none">good cooperation <p>Participation</p> <ul style="list-style-type: none">fully participate in meetings <p>Attitude</p> <ul style="list-style-type: none">Enthusiastic and positive attitude towards assigned	Good	30

					tasks	
					Independence <ul style="list-style-type: none"> • work independently with other members Communication <ul style="list-style-type: none"> • limited communication Responsiveness <ul style="list-style-type: none"> • design prototype • write report 	

Excellent

- present for every meeting
- contributed to the highest degree
- worked very hard

Good

- present at all meetings
- contributed well and regularly
- worked hard

Fair

- present at all but one or so meetings
- contributed from time to time
- showed some effort

Poor

- missed two or so meetings
- contributed when prompted
- showed little effort

Barely Acceptable

- missed several meetings

- present but hardly contributed
- showed very little effort

Unacceptable

- was not present at all
- did not contribute to effort at all
- showed no effort at all

II. Self-evaluation

The assigned work:

- Researching documentation about Laravel framework, PHP language, CSS, Bootstrap and JavaScript

When researching documents related to the project, I did independent research to serve my duties in the group's work and provide a partial copy of the necessary documents to team members to consult and support them in case of need for the report group. The material provided ensures the required amount of knowledge and is summarized as easily as possible. In addition to providing documents, I also annotate in detail so that members who need documents can refer to it most easily. In addition to documents on technology, programming languages, frameworks, etc., I also provide a research section on the necessary tools for the project.

- Coding backend, test function, sufficient test data to fully test, test Items linked to user stories in the product backlog and evidence of testing finding errors

As for the Testing part, while coding, I checked for errors and fixed them as soon as I discovered them, tested each function when it was completed and recorded a specific report of the repaired bugs and newly discovered bugs. birth if any. Then will plan to fix bugs and do follow-up functions until project completion. Most of the required functions have been completed by me, only a few functions are not finished but there is good progress. Finished functions have run very well.

In addition, I build a database for the product to serve the purpose of storing information about the roles and activities of the product. The database is built on top of PHP MyAdmin, a very popular and easy to use tool to support Php programmers.

There are function that I done for group below:

No.	Function	Status
1	Login Function	Done

2	Submission Function (For Staff)	Done
3	Submission Function (For Anonymous)	Done
4	Agree to Terms and Conditions Function	Done
5	Document Uploading (Optional)	Done
6	List Categorising	Done
7	Idea Detail	Done
8	Like/Dislike	Done
9	Comment	Done
10	Posting on Page	Done
11	Anonymous Function (known as guest)	Done
12	View Most Viewed Ideas (5 ideas per page)	Done
13	View Most Popular Ideas (5 ideas per page)	Not yet
14	View Latest Ideas (5 ideas per page)	Done
15	View Latest Comments	Done
16	Add/Delete Categories (QA Manager Only)	Done
17	Comment Notification (Notify when someone leave a comment)	Not yet
18	Email Notification (Notify to Coor. after submitting)	Not yet
19	Download Function (Only for Manager; convert to CSV file; and download in a zip file for documentation) [Optional]	Not yet
20	Admin Function (System Management)	Done
21	Deadline Function (Admin)	Done
22	Statistical Analysis (Admin)	Done
23	Topic Management (Admin)	Done

I try my best to done my work of group for my teammate to write a report because each of member have their job and the report will finish after all the job of my teammates will be done. So as a leader, my responsibility is very hard and I have to remind my teammates for very try. In general, I did very well. However, in the process of working as a group, there are controversial ideas that I need to improve and listen to the opinions of the team

members more. The direction of development ¹ is to improve teamwork and be more dynamic at work. I gave my personal report 36% out of 40%.

III. Evaluation of product and process

Report group has fully explained the diagrams, so in this comment, I will only briefly and briefly comment on the product according to my personal opinion. The project was implemented during the ongoing Covid-19 epidemic, so all meetings and project construction were held online. We have tried to build a quality product and meet the requirements of the topic as much as possible. In the following, I will provide some of the schematics and product reviews based on them. The first is the ERD, which is a diagram of the user roles and their permissions in the product.

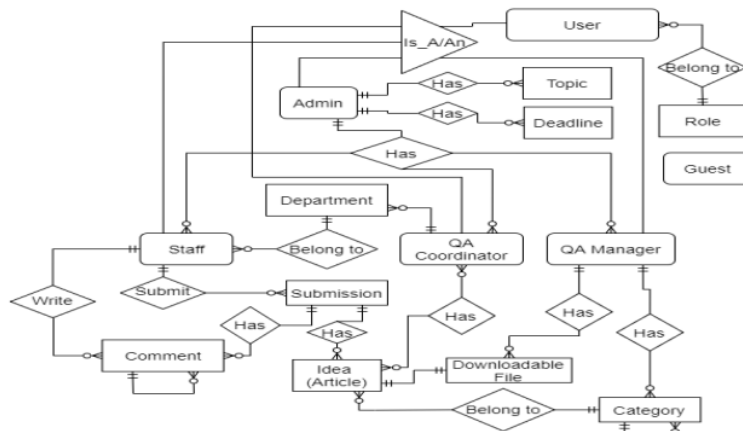


Figure 2. ERD

As you can see, the product includes details with the roles as outlined by the EDR. Compared with the actual product, the roles are complete and properly performed with its function.

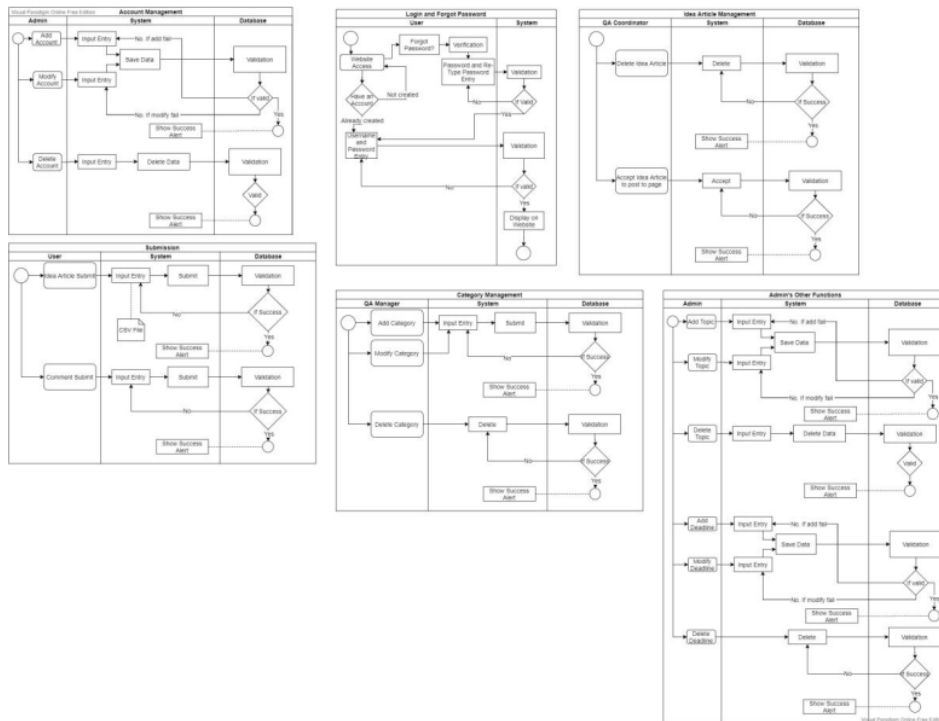


Figure 3. Activities diagram

Coming to the activity diagram, this diagram shows us through the product what functions we can do and what actions the roles can do on the app.

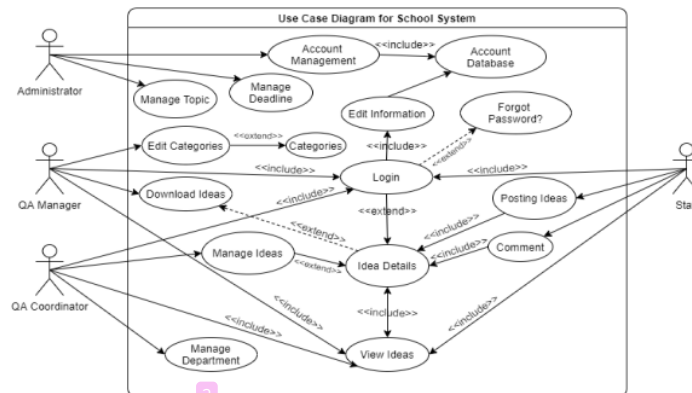


Figure 4. Use Case diagram

Next is the **use case diagram**, which simply shows the roles involved in using the product. As the title suggests, these roles have been added to the team's product and are up and running.

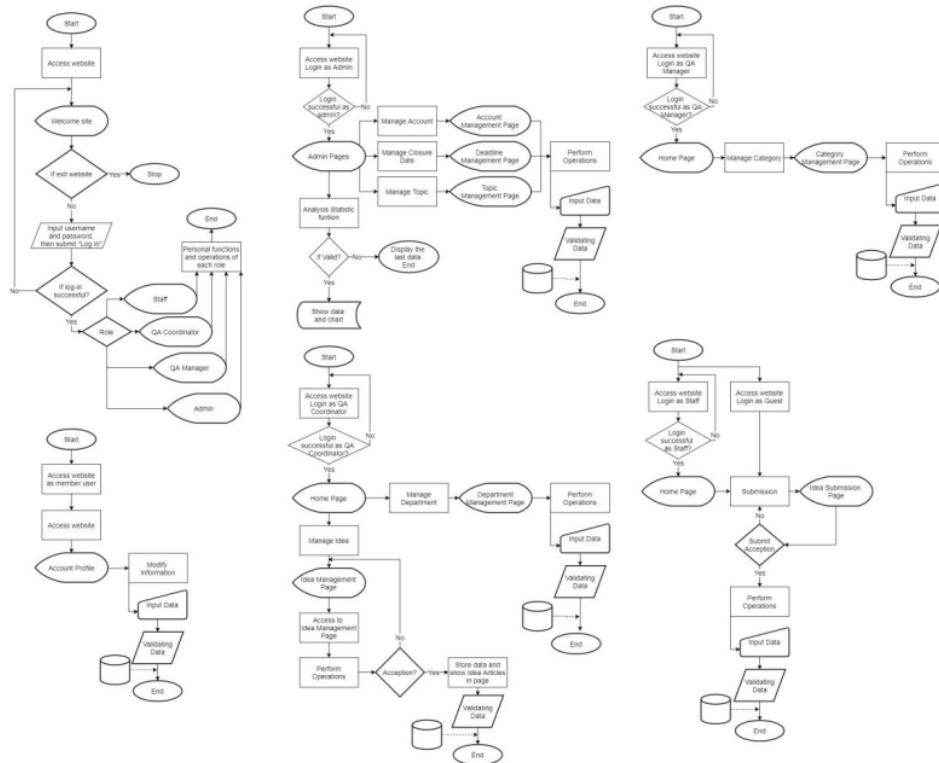


Figure 5. Flowchart

Flowchart shows how the product operates and the execution of logical algorithms.

Through flowchart to design products will be easier.

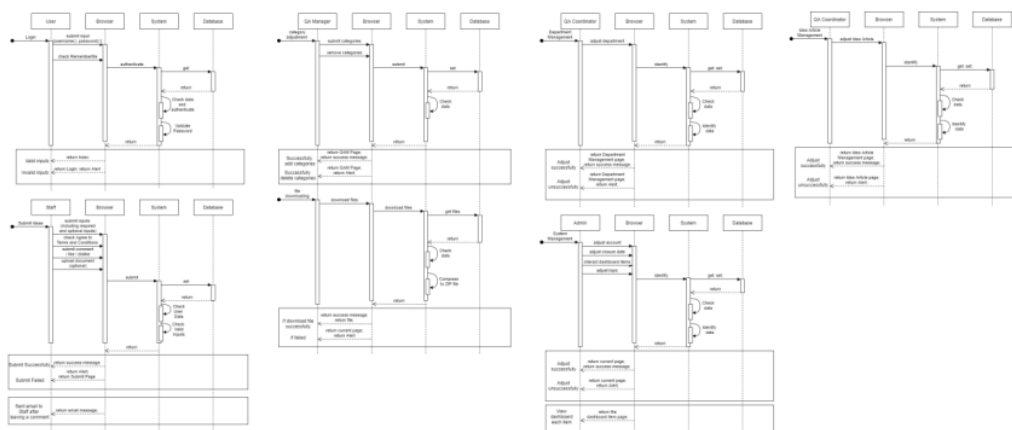


Figure 6. Sequence Diagram

Similar to the flowchart, the sequence diagram also tells us the operations of the product but through the different roles participating in the system. Finally, there is the class diagram, the roles that are directly involved in the creation of the product. Classes are synonymous with participating roles, for example, the topic class will act as titles that the admin can add and set deadlines for them.

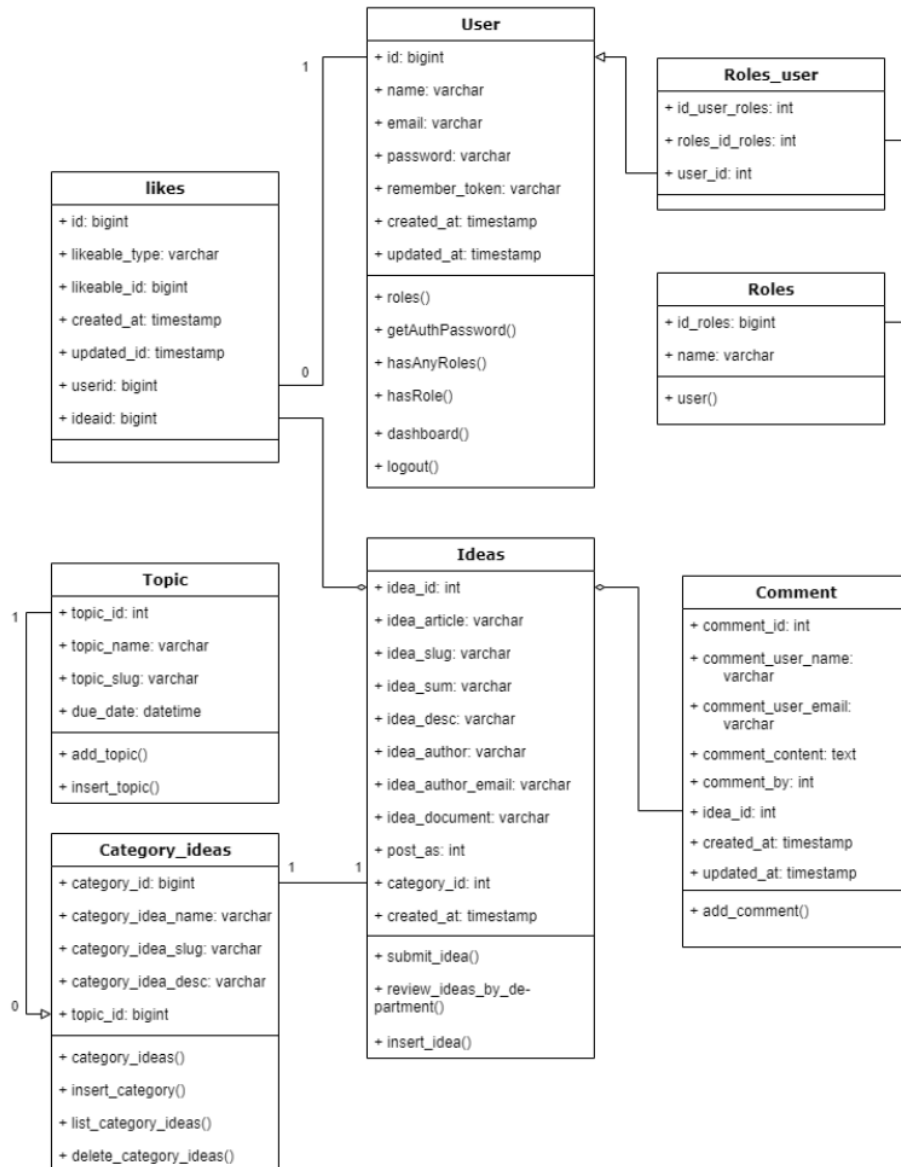


Figure 7. Class diagram

The same can be said for other classes. In the report group, it will be clear about this diagram.

In short, the product has completed most of the functions required by the topic, is an environment that allows posting and managing ideas, like commenting on ideas like a miniature social network. There are all the necessary roles to keep the systems running. The functions have been tested and put into stable use. However, to put it into use as a commercial product is not suitable because it is necessary to add many important factors such as security, add APIs to prevent direct link access such as middle ware,... Use templates open source is another weak point. have to design a more streamlined interface. Besides, the use of two asynchronous templates is also a weakness of the product.

IV. Quality of documentation

Judging by the quality of the documentation, the reporting part is assigned to Nguyen Thien Nhan and Nguyen Hong Quan the documentation is well-written, fully meets the requirements of a professional document, the diagrams are reasonable, and the application instructions are complete and detailed. The functions are explained in detail in each diagram and each image of the product. In addition, the document also provides detailed academic and professional knowledge about the process of making and testing the product. However, a few shortcomings are some places where the grammar is not good. spelling errors, errors in the presentation of sentences and ideas.

Document point (1 to 10 Point): 8 Point.

ORIGINALITY REPORT

11 %
SIMILARITY INDEX

4 %
INTERNET SOURCES

0 %
PUBLICATIONS

11 %
STUDENT PAPERS

PRIMARY SOURCES

1 Submitted to University of Greenwich 11 %
Student Paper

2 www.ijptonline.com <1 %
Internet Source

Exclude quotes Off
Exclude bibliography On

Exclude matches Off

FINAL GRADE

GENERAL COMMENTS

Instructor

53/100

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NGUYEN TRUNG

53

DATABASE

Security, appropriate data types and validation, clear ERD, referential integrity implemented, enables roles to be implemented. (10%)



The database design is good but not optimal.

7

SITE DESIGN

Responsive design, clear information architecture for both mobile and desktop, aesthetically pleasing, good usability, meets accessibility criteria. (10%)



The UI is good. They can improve UX to make it better.

7

FUNCTIONALITY

Role based security, submission of reports, email notification, summary and exception reports, UML diagrams, code snippets. (10%)



The product includes almost all required functions. They can add more features to make it better.

7

TESTING

Test plan, test log, sufficient data to fully test, evidence of testing finding errors, test items linked to user stories in the product backlog. (10%)



The testing is good, but it does not follow the Agile method.

5

AGILE METHODS FOLLOWED

Burn down chart, minutes of meetings, user stories, sprints, product backlogs. (10%)



They do not follow the Agile method.

2

SCREENCAST AND PRESENTATION

Professional standard of presentation promoting the product, with contributions by all the team members, Screencast demonstrating all the main features of the product. Screencast can be done by one person. (10%)



The presentation is clear, but only one student does this.

5

OVERALL GROUP FEEDBACK



Group work is good.

PRODUCT & PROCESS EVALUATION

Appropriate screen shots and commentary, with cross references to group documents, evaluative comments on the product and on the agile process and design method used to build it. (10%)



The evaluation is not thorough but includes basic information.

5

TEAM EVALUATION

A weighted scoring model of the entire team (including yourself) with own choice of criteria and weighting, supported by commentary on each individual member. Model is expected to produce a range of scores for the individual members. (10%)



The evaluation is not thorough but includes basic information.

5

SELF-EVALUATION

Honest description of own contribution, and reflection on own performance and any lessons learnt. (10%)



The evaluation is not thorough but includes basic information.

5

QUALITY OF DOCUMENTATION

NO SHARED CONTENT, professional standard, header page, page numbers, table of contents, headings, cropped images, figure captions, no spelling or grammatical errors. (10%)



The format is not good enough.

5

OVERALL INDIVIDUAL FEEDBACK



The evaluation meets minimum requirements.

TECHNOLOGIES

- *Software Platforms - Backend Database*



Backend: Laravel. Frontend: HTML, Javascript, CSS, Bootstrap.
Database: MySQL.

FINAL COMMENT



The student meets the minimum requirements to pass this course.