Issue #	User Story	Description	Associated Tasks	Assigned Member	Story Points (0,5,1,2,3,5,8,13)	Priority	Risk	Due Date
1	User can access the home page of the website and navigate to different pages	- Home page of the website - It should contain the page's name and logo - Offer sign up / sign in button to navigate to their respective pages - Add links to other pages such as: about us, features, others - Add a description of the system on the home page	Create a mockup for the home page	Data	3	Medium	Low Home page is needed for all the other tabs to be accessible and it does not depend on other tasks. Furthermore, the creation of it does not require a lot of technical knowledge and challenges.	29-Sep-24
			Code the frontend based on the mockup	Oren				29-Sep-24
			Create the navigation routes between different pages	Oren				29-Sep-24
2	User can create an account	- Page for user account creation - It will require the user to enter their information (name, last name, user type, password, email, etc) - The information will be submitted and saved in the backend server	Create a mockup for the account creation page	Data	8	High	Low Users have to create an account in order to use the website features. It is a needed requirement and does not depend on other tasks and features.	29-Sep-24
			Code the backend API routes for account creation	Daniel				29-Sep-24
			Create student and teacher migrations for MySQL database	Daniel				29-Sep-24
			Code the backend API routes for logging in	Daniel				29-Sep-24
			Setup Flask backend with Docker	Daniel				29-Sep-24
			Setup ReactJS frontend with Docker	Daniel				29-Sep-24
			Establish the frontend-to-backend connection	Mathieu				29-Sep-24
			Code the frontend (name, email, password, confirm password, user type fields)	Oren				29-Sep-24
3	User should be able to login	- Page for the user to login using their credentials - Links can be given to reset password and navigating back to the sign up page	Create a mockup for the user login page	Data	5	High	Medium Users need to log in after they created their account, otherwise they cannot use the website, therefore a really important feature. However, it needs the account creation to be done, especially feature wise.	29-Sep-24
			Code the backend API routes for logging in	Daniel				29-Sep-24
			Establish the frontend-to-backend connection	Mathieu				29-Sep-24
			Code the frontend based on the mockup	Brandon				29-Sep-24
			Add links to password reset and sign up page	Brandon				29-Sep-24

SPRINT 2

Issue #	User Story Title/Task Title	Description/Associated Tasks	Assigned Member	Story Points (0,5,1,2,3,5,8,13)	Priority	Risk	Due Date
4	As an instructor, I want to be able to create teams of students so that I can manage their workflow in the peer assessment system	- Once logged in, they have access to a button to create teams. - Instructors have access to all the students in the database to create the teams - They can select students from the list and create a team for them. - Access Mockup Here!	Create a mockup of the team creation page	Data	5	High	Medium The server needs to be populated with students for the instructor to be able to create the teams. Team creation might need some knowledge that the team does not already require, meaning research is needed.	29-Sep-24
		Code the frontend (create teams button, selecting students checkboxes, finalize team creation button, teams preview in the home page)	Marc				29-Sep-24
		Code the backend (API calls, previewing the student names, etc)	Daniel, Mathieu				29-Sep-24
		Establish the frontend-to-backend connection					29-Sep-24
5	As an instructor, I want to visualize the teams created so that I can access them and modify them if needed	- After successful login, the instructor has access to all the teams and can visualize them - The teams will be listed one by one while displaying the information of the students that are part of them - Access Mockup Here!	Create a mockup for the instructor's team visualization	Data	3	High	Medium Depends on other tasks to be implemented before (team creation).	29-Sep-24
		Code the frontend based on the mockup provided	Marc				29-Sep-24
		Code the backend	Daniel, Mathieu				29-Sep-24
		Establish the frontend-to-backend connection					29-Sep-24
6	As a student, I want to visualize my team so that I can access it and evaluate my peers	- After successful login, the student should be able to see their respective team if they have been put in a team by the instructor. - If the instructor makes a team with that student while the student is already logged in, refreshing the page should display the team. - The displayed component should contain the team's name and the list of students being part of it.	Create a mockup for the student's team visualization	Data	8	High	Medium Depends on other tasks to be implemented before (team creation).	27-Oct-24
		Code the frontend based on the mockup design	Oren				27-Oct-24
		Code the backend (API calls, database modifications)	Mathieu, Daniel				27-Oct-24
		Establish the frontend-to-backend connection	Oren				27-Oct-24
7	As an instructor, I want to be able to modify a team after it has been created so that I can change a team's formation	- Instructors should be able to modify a team after it has been created. - Provide a "Delete" and/or "Edit" button that allows the instructor to modify or remove a team that has been created - They should be able to remove or add students to a team and save the changes - The changes should be updated on both students and instructors team visualization pages - Access Mockup Here (Changes to Instructor Page, Team Deletion, Team Modification)	Create a mockup design for the team modification feature	Brandon	2	High	High This user story can pose significant challenges implementation wise since it requires a good knowledge of the backend and frontend interaction Has a high impact on other features if not implemented well Depends on other activities (team creation)	27-Oct-24
		Code the frontend based on the new mockup design	Marc				27-Oct-24
		Code the backend (additional routes)	Daniel, Mathieu				27-Oct-24
		Establish the frontend-to-backend connection	Oren				27-Oct-24
8	As a student, I want to be able to select a teammate from my team so that I can evaluate their performance anonymously	- Students have access to a "evaluate" button which redirects them to the evaluation page where they can choose a specific teammate and start assessing their performance - Students cannot choose multiple teammates at the same time - The list of teammates only displays those for whom the evaluation has not been submitted - Access Mockup Here!	Create a mockup for teammate selection for evaluation	Data	3	High	Medium Not too complex to implement Depends on other features to be implemented first (team creation)	27-Oct-24
		Code the frontend	Marc				27-Oct-24
		Code the backend	Daniel, Mathieu				27-Oct-24
		Establish the frontend-to-backend connection	Mathieu				27-Oct-24
9	As a student, I want to be able to evaluate a selected teammate based on the Cooperation dimension so that I can provide feedback	- After selecting a teammate, the student is redirected to the evaluation form/page where they can evaluate their teammate based on different categories. - The form will only contain the cooperation section for now. - Various cooperation actions and criteria should be brainstormed and selected to optimally evaluate the teammates' performance on this dimension - The student will evaluate their teammate on a 5-point scale for each of the "cooperation" criteria/components and the average rounded to the closest integer will be the teammate's cooperation score (out of 5) - Once the form completed (all entries required), the student can confirm their evaluation submission - After successful submission, the teammate's name should be removed from the selection list in the evaluation page - Access Mockup Here!	Brainstorm cooperation criteria/elements that the student can be evaluated on	Brandon, Oren	3	High	High Also depends on other features to be implemented first (team creation and teammate selection) Might be heavy/complex implementation wise	27-Oct-24
		Create a mockup for the evaluation page/form	Data				27-Oct-24
		Code the frontend (evaluation page)	Marc				27-Oct-24
		Code the backend (probably one single-route to store the average cooperation value for the chosen teammate)	Daniel, Mathieu				27-Oct-24
		Establish the frontend-to-backend connection	Mathieu				27-Oct-24

SPRINT 3

Issue #	User Story Title/Task Title	Description/Associated Tasks	Assigned Member	Story Points (0,5,1,2,3,5,8,13)	Priority	Risk	Due Date
10	As a student, I want to be able to evaluate a selected teammate based on the Conceptual Contribution dimension so that I can provide feedback	- Extend the evaluation page by adding the "Conceptual Contribution" questions and evaluation criteria - Access Mockup Here!	Create the corresponding mockup	Data	3	High	Medium Depends on a lot of features to be implemented before (team creation, teammate selection, teammate evaluation) Not too complex to develop	10-Nov-24
		Code the frontend based on the mockup	Marc				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection	Mathieu				10-Nov-24
11	As a student, I want to be able to evaluate a selected teammate based on the Practical Contribution dimension so that I can provide feedback	- Extend the evaluation page by adding the "Practical Contribution" questions and evaluation criteria - Add a descriptive text for the evaluation dimension in question - Access Mockup Here!	Create the corresponding mockup	Data	3	High	Medium Depends on a lot of features to be implemented before (team creation, teammate selection, teammate evaluation) Not too complex to develop	10-Nov-24
		Code the frontend based on the mockup	Marc				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection	Mathieu				10-Nov-24
12	As a student, I want to be able to evaluate a selected teammate based on the Work Ethic dimension so that I can provide feedback	- Extend the evaluation page by adding the "Work Ethic" questions and evaluation criteria - Add a descriptive text for the evaluation dimension in question - Access Mockup Here!	Create the corresponding mockup	Data	3	High	Medium Depends on a lot of features to be implemented before (team creation, teammate selection, teammate evaluation) Not too complex to develop	10-Nov-24
		Code the frontend based on the mockup	Marc				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection	Mathieu				10-Nov-24
13	As a student, I want to be able to write additional comments about the performance of my peers so that I can go further in my analysis if needed	- This can be implemented by adding message boxes at the end of the evaluation form so that the evaluator can write additional comments if they desire to. - The message should be encrypted and sent to the backend , so that it can be retrieved later on to be displayed for the instructor - Access the mockup here!	Create the corresponding mockup	Data	3	High	Medium Depends on a lot of features to be implemented before (team creation, teammate selection, teammate evaluation) Not too complex to develop	10-Nov-24
		Code the frontend based on the mockup	Marc				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection	Mathieu				10-Nov-24
14	As an instructor, I want to be able to visualize a summary of the score of each student based on the evaluation dimensions so that I can quickly assess their productivity and contribution to the team	- Modify the team visualization for the instructor by adding the dimension fields for each team - That way, each student's score for each dimension will be shown and updated as the students evaluate them throughout the semester - An average score is also displayed for each student to quickly assess their overall performance within the team - Maybe add a column which shows the number of peers who evaluated the student in question?? - Access the mockup here!	Create a mockup for the page	Data	3	High	Medium Depends on a lot of features to be implemented before (team creation, teammate selection, teammate evaluation) Not too complex to develop	10-Nov-24
		Code the frontend based on the mockup	Brandon				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection					10-Nov-24
15	As an instructor, I want to have access to a detailed dashboard page where I can view all the scores and comments about a specific student in a team, so that I can evaluate their productivity in detail	- Make the name of the student/ in a team clickable, which brings the instructor to a detailed dashboard page on the performance of the student. - The page will show the scores for each evaluation criterion for the student selected, as well as any comments left by their peers. - Access the Mockup Here!	Create a mockup for the page	Data	5	High	Medium Depends on a lot of features to be implemented before (team creation, teammate selection, teammate evaluation) Not too complex to develop	10-Nov-24
		Code the frontend based on the mockup	Brandon				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection	Oren				10-Nov-24
16	As a user, I want to be able to logout from the system so that I can close my session	- Add a logout button once the user logs in, so that it can be used to logout from the session - Logging out from the session brings the user back to the log in page	Create a mockup for the page	Data	2	Low	Low Depends on a little amount of feature to be implemented before The implementation is not complex	10-Nov-24
		Code the frontend based on the mockup	Brandon				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection					10-Nov-24
17	As a user, I want to be authenticated when I log in through the system, so that I can only access the pages for which I have the permission to	- Tokens can be used in this scenario to give access to the user to only a certain number of pages	Create a mockup for the page	Data	8	Medium	High Will entirely change how the backend routes work The frontend needs to be modified accordingly Might affect the previous state of the website	10-Nov-24
		Code the frontend based on the mockup	Marc				10-Nov-24
		Code the backend	Daniel, Mathieu				10-Nov-24
		Establish the frontend-to-backend connection	Data				10-Nov-24

SPRINT 4

Issue #	User Story Title/Task Title	Description/Associated Tasks	Assigned Member	Story Points (0,5,1,2,3,5,8,13)	Priority	Risk	Due Date
18	As a student, I want to be able to modify or redo an evaluation for a certain teammate after I have submitted it so that I can change my assessment	- Make it possible for an evaluation to be retaken. - Once redone, update the score for the student in question - This will bring changes to the UI of the teammate selection for evaluation as teammates should be available at all times so that they can be evaluated more than once. - Access Mockup Here! (Teammate Selection for Evaluation, Teammate Evaluation)	Create a mockup for the page	Data	3	High	High Depends on the evaluation system to be entirely done before hand The integration of it can affect the previous outputs so it has to be implemented carefully	26-Nov-24
		Code the frontend based on the mockup	Marc				26-Nov-24
		Code the backend	Daniel				26-Nov-24
		Establish the frontend-to-backend connection	Marc				26-Nov-24
		Perform and testing to ensure proper functionality	Mathieu				26-Nov-24
19	As an instructor, I want to be able to export the teams created as a csv file so that I can manage the teams outside of the website if desired	- In the instructor's home page where they can see all the teams created, there can be a button to download teams. - The button will activate the download process which exports all the teams in a csv format. - Access the mockup here!	Create a mockup for the page	Data	5	High	High Including the export csv functionality can be time consuming due to lack of knowledge of the team on this topic. Research is needed.	26-Nov-24
		Code the frontend based on the mockup	Brandon				26-Nov-24
		Code the backend	Daniel				26-Nov-24
		Establish the frontend-to-backend connection	Oren				26-Nov-24
		Perform and testing to ensure proper functionality	Mathieu				26-Nov-24
20	As a user, I want to be able to reset my password so that I can retrieve my account if I forgot my credentials	- Make the "Forgot my Password" text activated in the login page. - Clicking on it will redirect the user to a page where they are prompted to enter their email address to reset their password - Code the UI for password resetting - An email account should be set up for the project to make the recovery system available - Access the mockup here!	Create a mockup for the page	Data	5	High	Medium Does not depend on a lot of features previously implemented The implementation might be time consuming	26-Nov-24
		Code the frontend based on the mockup	Marc				26-Nov-24
		Code the backend	Daniel				26-Nov-24
		Establish the frontend-to-backend connection	Oren				26-Nov-24
		Perform and testing to ensure proper functionality	Mathieu				26-Nov-24
21	As a student, I want to be quickly contact my team members via email so that I can communicate with them easily	- Make the teammate names clickable, which brings the user to their email application and copy paste the team member's email address at the same time - Access the mockup here!	Create a mockup for the page	Data	2	High	Medium Team creation should be completed before hands The implementation is quite simple	26-Nov-24
		Code the frontend based on the mockup	Brandon				26-Nov-24
		Code the backend	Daniel				26-Nov-24
		Establish the frontend-to-backend connection	Oren				26-Nov-24
		Perform and testing to ensure proper functionality	Mathieu				26-Nov-24
22	As a student, I want to be notified when I am selected for a team, so that I can start evaluating my team members and visualize my team	- Make an email notification when the teacher puts a certain student in a team. - Make a route which send an automated email to the student chosen telling them know that they have been added to a team on the peer evaluation system.	Create a mockup for the page	Data	5	High	High The integration requires backend to be changed, therefore increasing the risk of previous implementation to be affected The implementation might be time consuming	26-Nov-24
		Code the frontend based on the mockup	Marc				26-Nov-24
		Code the backend	Daniel				26-Nov-24
		Establish the frontend-to-backend connection	Oren				26-Nov-24
		Perform and testing to ensure proper functionality	Mathieu				26-Nov-24
23	As a user, I want the UI to have an improved layout so that I can navigate through the website more easily and intuitively	- Update the CSS styling of the website (adding colors, gradients, animations for button clicks, etc..) - Refactor the JSX files to provide a better structure and alignment of the components rendered for each route. - Explore different fonts to be used to help differentiate between different sections of the website. - Use various text styles (bold, italic, thin, etc...) to give the website a more eye pleasing look. - Access the mockup here!	Modify current mockups to include UI changes	Data	5	High	High Needs all the pages to be completed beforehand. Making UI changes might change the behaviour of the existing functionalities.	26-Nov-24
		Code the frontend based on the revised mockups	Marc				26-Nov-24
		Perform and testing to ensure proper functionality	Mathieu				26-Nov-24
24	As a user, I want my data to be shared on a cloud service so that I can be confident that my data is secure and maintainable	- Put the backend server on a cloud service (ideally Google) - Update the Continuous Deployment (CD) workflow to push docker images on the cloud after each "push" on the main branch.	Code the backend	Daniel	3	High	Medium Adding the cloud extension will not affect the base build since it can be reverted back. However, once the cloud deployed, testing needs to be done to make sure all functionalities perform as before and as expected.	26-Nov-24
		Perform and testing to ensure proper functionality	Data				26-Nov-24

25	As an instructor, I would like to be able to delete a team so that I can reassign the students in that team	-Add a delete button in the instructor's page for each team. -If the instructor clicks on that button, a confirmation dialog opens confirming their selection. -Once the selection confirmed, the team will be removed from the instructor's home page and the students will become available again as new students that can be added to new teams. - Access the mockup here!	Create the mockup	Dara		3		Medium Team creation features should be flawless prior to the addition of this feature. The implementation should not be hard since the backend routes are already implemented, only frontend changes are required	26-Nov-24
			Code the frontend	Marc					26-Nov-24
			Code the backend routes needed	Daniel					26-Nov-24
			Make the connection from backend to frontend	Oren					26-Nov-24
			Make the unit test for this feature	Mathieu					26-Nov-24