

## **Sprint 2 Review and Retrospective**

GOAL: We have successfully met our goal of creating a database on MySQL and we also managed to make the changes needed on the template, having now the different pages needed for our website almost ready in terms of design.

DONE ? Not fully complete we still need to populate the database and also need to add the tables, attributes and the relationship between tables to it.

Everything worked well in terms of group management and weekly meetings. Everyone has shown interest in moving forward on this project and shown progress on their assigned tasks. On the other hand, the group faced some critical problems in regards to the database on MySQL.

Sprint 2 Task	What went well	What went wrong	Plan to improve
<b>Website Design</b> <ul style="list-style-type: none"><li>• Homepage design</li><li>• Recipe design</li><li>• Ingredient selection menu design</li><li>• Recipe selection design</li></ul>	<ul style="list-style-type: none"><li>- We managed to fully settle each page's design by creating several wireframes on Visual Paradigm.</li><li>- We managed to set around 80% of the front-end design of our project. All page's minimum requirements were achieved.</li><li>- We managed to settle new features discussed on the weekly meetings</li></ul>	<ul style="list-style-type: none"><li>-Time was a challenging factor</li><li>- We faced some small problems when merging everyone's css files.</li><li>- Most web development programming languages were "new" to most group members, leading everyone to self-learn them in a short amount of time.</li></ul>	<ul style="list-style-type: none"><li>- Assign more members to the most time consuming pages.</li><li>- As we were progressing in the group project, everyone started expanding their knowledge on the specific programming languages (css,sass,javascript). However it is still important to keep learning them.</li></ul>
<b>Setup MySQL; Create the database on my MySQL.</b>	<ul style="list-style-type: none"><li>- We managed to create the VM in azure cloud.</li><li>- We managed to setup the VM and MySQL on it.</li><li>- We managed to create our database.</li></ul>	<ul style="list-style-type: none"><li>- We did not manage to add the tables, attributes and relationship to our MySQL database.</li><li>- We had specific technical difficulties with the VM. Due to those difficulties faced, some tasks couldn't be completed.</li></ul>	<ul style="list-style-type: none"><li>- Assign more time to work on the database;</li><li>- Arrange more meetings to help each other and learn from each other.</li><li>- Move the database tasks yet to complete into Sprint 3 since it's more time consuming and the group needs that time to consult the tutor / support team and solve the same.</li></ul>

## **Sprint 3 Plan**

Sprint Lead: Smith and Meli

### **Introduction**:

In the third sprint plan, the group has agreed on creating the complete database required for the website and linking the database to the website by combining the front-end and back-end parts. By the end of sprint 3, we intend to complete the website showing results according to the selected ingredients.

As a part of this sprint, all the team members will be contributing to the database creation and back-end part. Also, during this development, all team members will be regularly committing changes to their respective GitHub branches to record progress. After completing the above tasks, we will be moving ahead and combining them with the front-end part of the website that has been completed during Sprint 2.

GOAL of sprint: Completing the database and back-end followed by merging them with the front-end to make the website fully operational for use.

Result: By achieving these tasks, we will have the complete website up and ready to serve its purpose. By which, we will then be able to focus on adding further features and designing according to the time we have left.

User Story	Subtasks and Estimation	Responsibility	Rationale
User needs a recipe shown after selecting ingredients and a diet	<ul style="list-style-type: none"><li>- Sort technical difficulties, create databases and be able to populate it with recipes.</li><li>-Start working on back end and make it communicate with front end to provide results (recipes ) to use</li></ul>	<ul style="list-style-type: none"><li>-This task will involve each member making sure we fight the technical difficulties we are facing.</li><li>-Every member will add 2 or more recipes on the database and then work on the backend to make sure these recipes can be presented to the user successfully.</li></ul>	We have decided to focus on making sure the azure vmware and database works as this has been an ongoing issue and we now need to solve it as we are done with frontend and are moving into the backend whereby database access is a must have.

Required recipes with correct information.	<ul style="list-style-type: none"><li>-Backend functionality with database.</li><li>-Couple recipes need to be added which can be used for demonstration.</li></ul>	<ul style="list-style-type: none"><li>- all members are included in these tasks and each member will add recipes with coordinated ingredients.</li><li>-experienced members will work on the database while others learn and then try to add their own recipes into the database.</li></ul>	This a crucial task hence everyone will focus on the same task to increase more brain power and try complete the more efficiently, and then move onto implementing the back end then plan for any other extra features and final touch ups for sprint 4.
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