

MCI project **First Milestone Report**

Team number: Team 15

Project Title: Unmingle: boosting student diversity

Milestone 1	Activities	Planned Outputs	Achieved Outputs
Restate the milestone from your Draft plan.	Restate the key activities from your draft plan.	Restate the planned outputs from your draft work plan.	Outline the actual outputs compared to what was projected (or type "same as planned")
1. The foundation of UniMingle includes front-end and back-end structure and framework are completed.	Determining the framework used in both front-end and back-end aspects for UniMingle.	Completed page design involves UniMingle logo, homepage and user login/register pages.	same as planned
2. The front-end overall layout of UniMingle are completed.	Designing the front-end overall design, which including the homepage and user module.	Completed register/login API development	same as planned
3. The application program interface of user login and register module is completed.	Developing the back-end structure and database.	Completed synchronization the fields with front-end and back-end.	same as planned
4. The interactive logic of user login and register module is completed.	Getting the user register/login API ready and deploy it on a public server for the convenience of front-end debugging.	Completed common functional modules implementation	same as planned
5. The synchronization the fields with front-end about user register function is completed.	Developing code-behind to implement common modules.	Completed interactive logic development and implementation.	same as planned
6. The implementation of common modules is completed.	Synchronizing code of both front-end and back-end/	Prepared abundant events materials for deploying online.	same as planned
7. Events materials including posters and details are prepared.			

Team reflection on progress

Provide some comments below regarding the completion of this milestone specifically around:

1. How is the project progressing?
2. Are there any differences between projected and actual outputs/outcomes?

1. The project progress smoothly as expected and stated in the draft plan. The overall html design had completed and agreed by all team members. Back-end structure had been established and the application program interface user login and register had been completed. To meet the requirement of UniMingle launch officially in the future, initial events materials had been prepared. Furthermore, the synchronization the fields with front-end and back-end had been finished so that both ends can work in the same framework, Laravel, which lead to higher efficiency of development and debugging.
2. Yes, UniMingle had been deployed on a public server to provide convenience to front-end debugging and preview (<https://unimingle.tk/>). In addition, we had register accounts for UniMingle on social platform including Twitter, Facebook and Instagram, which will be linked to our homepage in the future. The social accounts can bring benefits of marketing purpose and customer support.

Team reflection on managing problems

Have you encountered any problems to date?
If so, how have you managed them?

Yes, the most significant problem for UniMingle is that team members need to learn new programming language as well as site framework which all of us are unfamiliar. To figure this problem out, we had done research on technology stacks in the beginning so that appropriate language and framework had been determined then we could start learning them. Although we had spent most of our time to get access to technology, we were not familiar with enough to develop UniMingle smoothly. When we were synchronized front-end and back-end, there was a bug of user account pictures upload occurred to us. We had spent several hours to have a discussion in Hub Central and debugging. Diff tools had been taken advantage of to find out if there were any typo and code missing between different versions. Therefore, we found there was an error when we tried to merge front-end codes into Laravel framework, and we had figured it out after adjusting corresponding syntax. In general, the most vital challenge for our team is the proficiency in using technical framework, hence, each team members are working hard on absorbing related knowledge.

Supervisor assessment	<p>Please, rate your team (1) effort, (2) project progress and (3) their self-reflection for milestone 1</p> <p>Rating scale 1-10 as per standard marking scheme, ie 5 is a Pass and 7 is a credit.</p> <p>Add some comments to explain your rating</p>
<p>Effort:</p> <p>Progress:</p> <p>Reflection:</p>	