

E-Commerce Recommender System Proposal

Group: five blue petals

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Haowei Lou (z5258575, louhaowei@gmail.com): Frontend

Yan yan (z5210806, ariayan1999@gmail.com): Frontend

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Team name:	five blue petals			
	Name	Zid	Present according to Retrospective A report (Y/N)?	Date & Time
Team member 1:	Haowei Lou	z5258575	Y	8pm- 9.30pm 19 March
Team member 2:	Yun Li	z5231701	Y	8pm- 9.30pm 19 March
Team member 3:	Jiatao Li	z5223756	Y	8pm- 9.30pm 19 March
Team member 4:	Yan yan	z5210806	Y	8pm- 9.30pm 19 March
Team member 5:	Junjie Zhu	z5216997	Y	8pm- 9.30pm 19 March

1.Bad points in sprint1.

	Issues
a.	Lack of communication between frontend-team and backend-team.
b.	Hard to meet face-to-face which results in the decrease of efficiency.
c.	Time difference due to different countries.
d.	Integrity of data structure in the environment (database in sql form but required json file in front-end).
e.	How to initialize (or run) server and database at same time without interference.
f.	Hard to arrange the layout of elements in purpose of performing a good-looking and high-class interface.
g.	Need to self-learn javascript to perform a fancy interface.

2. Good points in sprint1.

	Issues
a.	Finish the code works for all user stories in sprint1 as we planned before.
b.	A large amount of helper functions which increase the efficiency of following work and convenience for later maintenance.
c.	Using the self-designed template which maximizes our customisation.
d.	A large amount of backend-only tests to see how functions go with the database and increasing the efficiency of debugging.
e.	Purest passion for coding so that everyone gets along well with each other.
f.	The database (flask-sqlAlchemy) we are using is a third party library in flask so that we can manage our database locally instead of login in olcam or pgadmin.
g.	We have our own server so it's easier to test our code and check our layout design.
h.	We have similar understandings of the design philosophy which largely saves our time to reach an agreement on web design.

3. What to try in sprint2.

	Issues	Team Member
a.	Schedule for team meetings twice a week to improve our communication.	All
b.	Optimize backend code to decrease the time complexity.	Yun Li, Jiatao Li
c.	Add more tests to minimize the bugs.	Yun Li, Jiatao Li
d.	Add more comments for both backend and frontend.	All
e.	Apply more software principles in our web implementation.	All
g.	Encryption of password in the database and frontend	Haowei Lou, Jiatao Li
h.	Beautify the confirmation email	Yun Li