Team D Contract

Goals:
- Gain experience working as a relatively big team, learn how to collaborate with team members effectively through using Github, and help each other improve code quality by giving each other feedback
- Gain experience working with databases and make a database-backed software
- Become more comfortable with the tools used in class and make an interesting product using these tools
  - Github: Get used to working in a team using Github
  - Python: Learn how to use Python to deal with datasets
  - CSS: Learn how to CSS to style HTML documents
  - HTML: Learn how to use HTML to make a software
- Try our best to get "Exceed Expectations" for every group deliverable

Strengths:

Shoko	- Relatively good at finding bugs - Good listener - Flexible
Daisuke	- Very accessible - The most experienced in CS in general, so can help our team write efficient and well-structured code
Jake	- Figuring out pseudocode mechanics of possible functions and translating that into code - Good at working as part of a team
Charlie	- Have previous experience coding websites with databases and github - Flexible

How will we capitalize on the strengths of each member (revised):
Shoko's strengths of flexibility and listening are team oriented so she will be in charge of communication for our team and making sure we all try to meet according to our rules listed below. Daisuke is more experienced with coding so he can help everyone else with code if need be. Jake can help with our organization of the work and deciding who does what since his strength is working as a part of a team. Charlie can help with a general understanding of website coding and can easily work as a team due to his flexibility. Since we currently have 3 big functions for 4 people, Charlie and Jake will work together on one of them until we add a fourth.

How we divide up the coding (added for revision):

Daisuke will be responsible for the "search by ratings" feature and the "loading datasets from CSV files" part, and Shoko will be in charge of the "sort by ratings" feature of the project. Charlie and Jake will work as a pair to implement the "search by brands" feature and determine what kinds of data structures we will use after loading the datasets. More generally, Daisuke will help everyone else find errors and debug if in need. Shoko will make sure that all the docstrings are clear and descriptive and suggest possible changes accordingly. Jake and Charlie will give feedback on code quality to make sure that we have a good code quality as a group.

Rules:

1. We will meet at least once a week in person (ideally twice). If some team members can not make it, we will use Zoom. Each meeting will take between an hour and a half to two hours, depending on how much discussion is required (place: Olin 308, time: predetermined).
2. There are no specific roles assigned to each member, but each member should take notes as needed and facilitate discussion.
3. We will communicate via *Messages* and check in once a day. If a team member hasn't been communicating, we will catch them in class and have a conversation to sort things out (try to be flexible and respectful).
4. If we have a disagreement, talk it out and see if we can incorporate everyone's ideas as much as possible. If we struggle to make a decision, we can take the majority rule, but we want to avoid it as much as possible.
5. Each team member will be responsible for a specific task, and we will distribute the work evenly based on each team member's interests. We will check and give feedback to each other to ensure that everyone will be keeping up and that all the jobs are completed before deadlines.
6. There will be no specific hour expectations for everyone to spend on their part, but each team member will be required to complete their part of the assignment fully. If the workload proves to be too heavy, we will redistribute the work between team members and help each other.
7. We will contact each other if plans change or things are going poorly. We will try to stay respectful of each other and ensure that nobody will be afraid to ask for help.
8. If someone isn't doing their part, ask them what's going on before going to Anya. We will
   - Try to be sympathetic
   - Try to be flexible
   - Try to listen actively to each other
9. Keep in mind that everyone has their personal life and be respectful and understanding.

Schedules (writing down when we're free):

This is instead of scheduling a weekly or periodic meeting since that is usually difficult. We can use this to help schedule meetings in the future since we'll know when everyone is generally available.

	Charlie	Daisuke	Jake	Shoko
Monday	Afternoon, night	Anytime except 1a,3a,5a	5a, 6a, after 8:00	Afternoon, night

Tuesday	All morning, night	Not 2b	Before 11:30, after 2	Night
Wednesday	Afternoon, night	Anytime except 1a,3a,5a	After 4a	Afternoon, night
Thursday	All morning	Not 2b	Before 11:15, 2-4, after 5	
Friday	All afternoon on	Anytime except 1a,5a	After 3a	9:30-12:00, Night
Saturday	All day	None	Before 3	Anytime
Sunday	All day	All day	Before 2, after 7	Anytime

Contact info:

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- Charlie: 443-608-3605, neyc@carleton.edu