

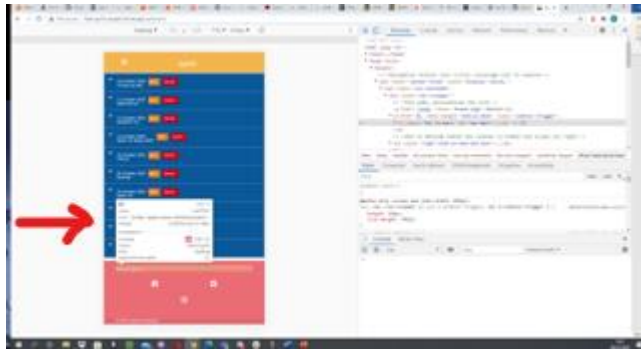
## peer group feedback review – (09.10.2020):

Live Website: <https://flask-sprint-project.herokuapp.com/>

Github Repo: <https://github.com/michodgs25/Sprint>

### Review of Website & your code:

- Your **homepage** is currently rendering on index.html and follows normal html coding convention. Well done on that. However, you could simplify the UI by combining both index.html & home.html. The navbar should be on view on the homepage, whereas you currently need to either select 'Create Sprint' or 'Explore Sprint' to then see the navbar. Again, the navbar & footer on the homepage follows normal html coding convention. Not too sure why you've created Javascript code to hide both navbar & footer from the homepage?
- Further simplify your project by removing **home.html** page and associated code in both CSS & app.py files
- **Images** used for home.html are really good quality & responsive. There appears to be too much white space between you image and function buttons. The card design is modern and fashionable, however, you could look to include some additional text to fill the white space. Not too sure on your use of Bootstrap for tablet devices 'm7'. It feels like we're waiting for another container 'm5' to make the full width of a tablet screen (7+5=12). If you're trying to align your cards horizontally in tablet / desktop views, then each div container would have 'col-md-6'
- **Home button** function should map to index.html (if you follow my advice to consolidate the homepage design)
- The **Navbar** is well designed and contains sufficient features. Consider moving the collapsed navbar (hamburger) to the top right of the screen (mobile and tablet views) and remove from desktop view to follow normal UX design convention. Also consider increasing the font size for text and icons for improved UI
- Currently, there is **no user authentication / registration function** on your project. Absence of this will pose high risk of your data accidentally being deleted. For higher marks, you should consider adding this function. The navbar will then naturally increase to include login, logout & register functions for the user
- The **search** function works ok. Well done on that. Consider creating space between the search icon and the text to be input by the user for improved UI
- The '**Reset Search**' button in both mobile & tablet portrait views is positioned to left of the container. Consider a centre alignment for improved UI
- **Explore.html** header currently offers white text against a yellow background and the footer offers white text against a pink background. The contrast for users with impaired vision means they will find the text difficult to read. Chrome Dev Tools allows you hover over you project and an 'accessibility' rating on your colour combination is provided. Both header and footer render low scores, but can be improved by increasing the darkness of either your text or background colour. You can experiment via Chrome dev tools
- **Edit & Delete** functions work fine & as intended
- **Accordion** design on user records works well and as intended



- **Social media icons** are not responsive in both mobile & desktop views. You need to check how they render in both portrait and landscape views. Suggest you check your use of Bootstrap to correct the issue and look to remove 'display-block' as not needed here. The icon font size could be increased for improved UI
- **Footer** container in desktop portrait view shows excess padding / height limitations leading to a white space appearing beneath the footer
- Consider centre position of your copyright text, currently positioned left
- For general formatting of space (padding & margin) consider using **Bootstrap Space** in your html files. Heres a link that will help reduce the number of media queries you currently hold in the CSS file - <https://getbootstrap.com/docs/4.0/utilities/spacing/>
- All **media queries** should be located towards the bottom of your CSS file. This follows normal CSS coding convention
- With **anchor tags** always look to apply `aria-label` for screen reader functionality and `rel="noopener"` to prevent a new page from being able to access the window. Remember to format (beautify) your html and css files by using ctrl-shift-b. Makes for a happy assessor
- When a hyperlink opens a new browser window or tab you should add the `rel="noopener"` attribute to the link. This prevents the new page from reaching back to control the initial page.. In plain English, noopener is considered part of a defensive design to ensure user website navigation is controlled and not randomly moving between web pages.
- Use of **colour palette** is ok, but subject to making sure there is a better contrast with any text being overlayed upon the background colours
- **User comments** appear in the right areas of your HTML and CSS files. However, the comments appear to be no more than decorative labels. Consider describing the purpose & function of the code for the user to get a better understanding of all the moving parts you've created to build 'Sprint'
- Good use of Docstrings in your app.py file. Suggest you check for **PEP8 compliance** <http://pep8online.com/> as there maybe some white space to be removed & code formatting to be checked
- **De-bug** to be set to **False** for your production code. Only set to True for development code
- Your number of commits to **GitHub** at present = 230. This is low for an MS3 and 'rule of thumb' is you'll be targeting in region of 450 and for MS4 say 800-900. This is a clever way of showing the marker, user, etc that all the moving parts in your code have been captured, written and recorded in a timely manner. The number of commits also is a good barometer check for the project complexity too

- Try and make a **Git commit** for every line of code updated, making sure your comments are short and brief. You can gain good marks there too
- **Wireframe** should be updated to account for changes to the website design. You'll get good marks for showing version history to support how the project has evolved
- Wireframe folder and index.html file should appear in the root directory
- Your **Schema** folder should appear on the root directory. At present, I don't see a schema plan file. You'll lose marks for not showing your project schema plan
- **Tests** – Well done in creating a separate markdown file. For the tests you've carried out, you'll need to provide more detail on the test you've run & test observations. Bugs that have been fixed / remain open should be recorded too. Screen shots can help here to show a visual of the test experience. No reference to PEP8 compliance testing, but required as part of the marking process

#### Review of README.md file:

- Consider moving your 'Sprint' project title to the top of the README.md page
- Project introduction reads well and allows the user to gain an understanding of the projects purpose. Perhaps you can offer some insight on how you created the 'Sprint' brand
- Consider moving the link to your live demo after the project introduction
- **Table of contents** contains a lot of good material to support your MS3. Maybe you can refine the table to offer more information to the user. I've copied the table I used for my MS3, perhaps this is a model you could adopt

## Table of Contents

1. UXD Considerations
  - User
  - Virtual Cookbook
  - Wireframes
  - User Stories
  - Schema
  - CSS Framework
  - Colour Palette
  - Typography
  - Icon Graphics
2. Information Architecture
  - Application Framework
  - Database
  - Data Models
3. Database inc Source Data
4. Technologies Applied
  - Languages
  - Libraries
  - Tools
  - Hosting
5. Virtual Cookbook Summary Functions
6. Features
  - Features Left to Implement
7. Tests
8. Deployment
  - Deployment To Heroku
  - Local Deployment
9. Credits
  - Content
  - Media
  - Acknowledgements

- **Typography** – Consider adding hyper-links to the font narrative. If you've sourced from google fonts, then your link would connect direct to the source of your font choice
- **Colours** – Excellent narrative to support your back story on colour selection. Perhaps you can add the hex code to support the colours selected
- **Wireframes** – Well done on trying to show the design of your project in mobile, tablet & desktop viewpoints. Perhaps you could use the specially design device background images as a backdrop to your design material. All the templates are available in Balsamiq
- **Features** are well written, they maybe subject to change dependent upon design suggestions made earlier in this report
- **Libraries** should include Font Awesome, Google fonts (if used), Materialize, jQuery, Flask, PyMongo & Jinja
- **Languages** is fine

- **Tools** to replace technology. Include your IDE i.e. VS Code, etc, Mongo DB Atlas, Git, GitHub, Balsamiq, W3.CSS, JSHint, W3S HTML & CSS validator, Pylint, mobiready, Google mobile friendly test, lighthouse and free formatter
- **Hosting** to include Heroku
- **Version Control** – No need to include as not a requirement for assessor marking. The assessor will be looking at your Git activity i.e. commits and commit messages to see how you've recorded version control
- **Deployment** – Reads ok and good use of markdown formatting
- **Project Barriers & Solutions** – You don't need to have a dedicated section to record this information. Earlier sections on project introduction, purpose, UX and testing will capture this information. As with coding, remember to follow DRY (Don't Repeat Yourself), where possible
- **Issues & Bugs** – Suggest this section is removed, as your Test.md file will provide a better place for this information
- **Acknowledgements** – Consider expanding this section. Overall summary description is 'Credits'. Further sub-sections created for 'Content' = code snippets, etc, 'Media' = Images, video, etc & 'Acknowledgments' = People support including mentor, CI resource, etc to allow for clarity on specific areas of support you've received to deliver your MS3 project

That about it from me and again the feedback is based upon my own brief experience of your website. If you have any questions relating to my feedback, please let me know and I'll be happy to help. Best of luck with the MS3 and remainder of your learning journey.