**README doc – Module 3 Python Assignment – Jay Smith**

**Github URL** - <https://github.com/JaySmith-Dev/MovieBookingsRUs>

**Render URL** - <https://moviebookingsrus.onrender.com>

This web app was deployed on render by creating a web service, entering a name “moviebookingsrus”, and chosing a locale (Frankfurt). All other settings were default.

**Concept**

The concept of my project was to try and create a version of a cinema website, using movies@ as a rough guide. The web app was to use Flask to route the web pages, passing values i.e. the movie details and ticketing information between pages, being able to get and post information, i.e. pull data, and update ticket numbers etc. I also decided to use bootstrap for the layout to try it out, and a small amount of css and javascript.

**Challenges**

This was a complex project, encompassing lots of different areas, but was interesting to get stuck into something meaty. Unit 8 of the course, we worked through an example of a shop. This was to form the skeleton of my project. Adding a lot of different fields to the lists meant I had a lot to play with but then came the issue of passing these values through the pages/routes. Once I had “mastered” that, formatting the page become the next challenge, and I decided to explore bootstrap which we had touched on, and while I have only scratched the surface, I feel the use of cards etc. meant I could easily keep all the elements aligned, maybe I could have used other methods, but this seemed to do what I wanted. I finally tided it up and added the javascript, which was an image slider. Something I would probably like to explore more in future iterations.

Loading to github was straight forward enough, and while I was expecting issues with render, that worked surprisingly on the first attempt!

Overall, I thoroughly enjoyed the project.

**References**

* https://getbootstrap.com/docs/5.3/components/navbar/#how-it-works
* https://mdbootstrap.com/snippets/standard/mdbootstrap/2885141?view=side
* https://bbbootstrap.com/snippets/simple-contact-form-74408136
* https://www.w3schools.com/howto/howto\_js\_slideshow.asp
* Unit 8 code from coursework