COMP2011 – Coursework 2  
Ho Chun Wong [sc23hcw]

# Aeronautica Livery Hub

I’ve created a platform for players of Aeronautica to share their custom livery designs with each other. This game does not have a built-in method for this, so I have created this site to address the needs this community has. The site allows users to view liveries submitted by others, submit their own liveries, and engage with shared liveries.

## User Path

Please see “userPath.mp4”

## Design

## Database

## Accessibility

* I have accommodated for all types of color blindless by adhering to a primarily black, white & blue color scheme and ensuring use of colors and contrast meets WCAG specifications.
* I have added alt text across all static images such that screen readers are able to determine its information.
* Unfortunately, I am unable to ensure accessibility across user-generated assets, such as uploaded images.

## Advanced Feature – Image Sharing

The process of implementing the image sharing feature was a lot more complicated than I expected. Initially, I planned to store the images directly inside the database, however this appeared to be a rather poor approach as it may significantly slow down my application. Further research directed me to hosting the images elsewhere, such as on an Amazon Web Server, and storing the URL on my database. This includes the advantage of ease of further expansion; however, this was far too complicated for the goals I was trying to achieve. This resulted in my final approach, somewhere in between the two, where I would store images within a folder on my application (/static/images/uploads/) and save the filename on my database.

## Testing

hi

## Analysis

#### What Went Well

* I believe that I have created a user-friendly and aesthetically pleasing front-end. My implementation of bootstrap and html was rather successful, resulting in a very pretty site.
* My form fields were well designed and laid out, with good implementation of input validation across all fields, password verification on the sign-up page, and intuitive design.

#### What Went Wrong

* Unfortunately, poor time management on my end has resulted in a significantly overdue submission, and an overall somewhat-rushed application. This is something I have been working on improving.

#### Improvements – Features to be added

* Multiple images per livery
* Implementation of rich text within livery descriptions
* Comments section for each livery
* Ability to edit/delete liveries
* Sorting & filtering liveries

## References

**"No Image" Graphic** -/static/images/no\_img.png  
vantuz. 2015. *Plane silhouette against the sky (depositphotos ID 88537780).* [Online] [Date accessed 11 Nov 2024]. Available from: <https://depositphotos.com/vector/plane-silhouette-against-the-sky-88537780.html>