

Reflection Document

BizPoints Loyalty Program:

Admin Management

Link to Dashboard: <https://ccps406-project-repository-admxn-dashboard.streamlit.app/>

Link to GitHub Repository:

<https://github.com/NickMahon21/CCPS406-Project-Repository/blob/main/main.py>

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CCPS406

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Reflection:

The development of the BizPoints Admin Dashboard highlighted the challenges of translating a conceptual design into a functioning application. One key takeaway was the importance of balancing functionality with visual clarity. The first draft of the dashboard met core requirements but the interface was extremely basic. After iterations of the layout, consistent styling, and clearer grouping of actions usability was improved along with the aesthetic. Streamlit provided useful defaults, but additional customization was needed to align the UI with the design vision.

Given more time the team would likely use the extra runway to add interactivity between the overview page and the functional pages on the dashboard. As outlined in assignment 2 a major milestone was to have simplicity and usability for the Admins relying on the dashboard. With more interactive features admins could easily navigate through the dashboard with preset filters cutting down the time needed to search for users.