



# Adrestia

**Mission:**

To assist students in balancing their semesters with better course planning.

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# FCQ Project Goal

For Student Planning on Future Semester

For Balanced Future Semester

How to complete that?

- Based on historical FCQ data
- By distributing challenging class
- By distributing hour per week from each class

# Project Management Method used

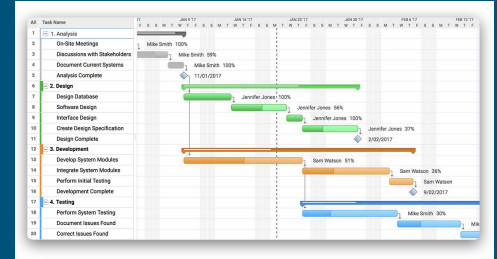
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- Agile methodology
  - Rating: ★★★★★
- Pair Programming



# Project Tools

- Project Tracker
  - Trello ★★
  - GANTT Chart ★★
- VCS Repository
  - Heroku ★★★★★
  - GitHub ★★★★★★
- Communication
  - GroupMe ★★★★★★



# Database

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- MySQL
  - Rating: ★★★★★



- Pandas
  - Rating: ★★★★★



# Testing Tools

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- Django
  - Rating: ★★★★★
- PyUnit
  - Rating: ★★★★★



# Challenges

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- Merging files from remote branches to the master branches on github
- Database access on Heroku was challenging
- Time management
- Learning all the new tools such (Django and Heroku)

# Website Backend & Demo

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Django is magic

- Model-View-Template pattern
- Creates dynamic websites with templates
- Handles User account creation and login
- Handles database queries
- Handles rendering the pages

