



# Goals

Potential  
Pitfalls/Bottlenecks:  
Learning/understanding  
python coding for data

Target Science Gateway: HPC-ED Metadata

Issue to be addressed: HPC-ED wants to create a database to ensure an easier learning environment for HPC (problem 3)

Project Goal(s):

1. Create flask app to digest information off websites
2. Develop means to transfer information from sites to the app
3. Transfer information from app to database



# Project Plan

## Deliverables

Github Lead: Jace Lespinasse

Presentation Lead: Jean Anoh

Poster Lead: Paris Coleman

Code Lead: Dickson

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## Project Plan

*Goal 1:* Create flask database to digest information off websites

- Task 1: Make new project in Eureka/Jupiter
- Task 2: Develop flask app
- Task 3: Identify which websites to use

*Goal 2:* Develop means to transfer information from sites to the app

- Task 1: Develop HTML file to connect to websites
- Task 2: Add validation to ensure data quality
- Task 3: Establish the form submission endpoint

*Goal 3:* Transfer information from app to HPC-ED database

- Task 1: Ensure the data is easily user readable
- Task 2: Handle and store incoming form data
- Task 3: Transmit stored data to the HPC portal