

# Project Schedule and Plan: Flux Diffusion Image Gen

Team: Kyle Johnson, Alejandro Huerta, Elliot Cao, Zhirong Lu, Raayan Dhar

Proposal: [here](#)

## Tasks to complete:

- Machine Learning API setup/ port setup
- Setup database in cloud + connect to backend
- Setup Login/Signup backend routes
- Setup community gallery DB table
- Setup friend requests data structure/DB backend
- Setup frontend for user profile
- Design main prompt + generation frontend
- Download link functionality for generated images
- WebGPU model

## Timeline:

Goal #1: Model infrastructure setup with backend + frontend

Due date: **November 2nd**

Description:

Setup full-stack ability to submit a prompt and generate an image. No user login needed yet, but since this is a key feature of our application we want to test it early. Work together to synchronize backend ML with the frontend prompt.

Goal #2: Community features setup in backend

Due date: **November 9th**

Description:

Complete setup of user accounts, with IDs, friend inbox, ability to add friends, view submissions of them, profile features/info, and community gallery setup

Goal #3: Completed frontend

Due date: **November 23rd**

Description:

Straightforward, built out frontend that loads quickly + aesthetically pleasing. All backend routes accessible + info viewable.