Project Abstract:

Inspired by the cosmos and NASA's incredible imagery of our planets and solar system, team the *Interesting Times Gang* (ITG) has proposed to build a platform that inculcates in society an appreciation for what lies beyond earth.

Utilizing NASA's very own Astronomy Picture of the Day API[1], the ITG will build Cosmogram, a social networking site where users can like, comment, collect and share their favorite photos and albums, and even search through NASA's image repository using descriptive filters.

The ITG will self organize according to Agile principles laid out in the SCRUM.org's *Scrum Guide*. Each member will be responsible for a specific part of the web service, aiming to deliver an MVP by June 6th, 2021.

Members:

Andrew Davis - Scrum Master / Front End Engineer
Uriah Omamalin - Front End Engineer
Christopher Epsinal - Front End Engineer / Communications Lead / Note Taker
Kevin Aarstad - Back End Engineer
Teresa Fitzgerald - Back End Engineer

Relevant Resources:

- https://apod.nasa.gov/apod/astropix.html
- https://api.nasa.gov/ here's the site for the api resource
- DEMO Keys: https://api.nasa.gov/planetary/apod?api_key=DEMO_KEY

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[1] https://apod.nasa.gov/apod/astropix.html

User Stories:

1. Login
2. Logout
3. Getting the photo of the day
4. Viewing past photos
5. Search for keywords/ descriptions
6. Filter photos based on a range
7. Return random picture
8. Favorite images
9. Tag photos
10. Rate photos
11. Find photo by date

Git Repository Link:

- Setup the repo
- Teresa and Andrew will determine the flow and the pipeline
- Andrew will watch the merge requests

Technologies:

Backend:

- DB: Hibernate, Postgres,
- Deployment:
- VM: EC2
  - Teresa will deploy on personal account
  - will need to give each member of the group admin permissions
  - Andrew: can open the connection to everybody
- Version Control: GIT