

Project Milestone Template

As a Boilermaker pursuing academic excellence, we pledge to be honest and true in all that we do. Accountable together – We are Purdue.

(On group submissions, have each team member type their name).

Type or sign your names: Parker Bushey, Ashwin
Senthilkumar, Katie Roberts

Write today's date: October 31, 2021

Design changes

As of this week 3 milestone, we have made no significant design changes to the design.

Teammate contributions

Team member	Task(s) worked on	Task(s) completed	Hours spent
Parker Bushey	- Zipping/unzipping - GitHub Actions research	- Zipping/unzipping	- 6 hours - 4 hours
Ashwin Senthilkumar	- Ingesting - Researching how to process package history for updating feature	- Task-related Research	- 2.5 hours
Katie Roberts	- Researching Google Cloud - Version parsing	- Researching Google Cloud	- 5 hours

Progress relative to plan

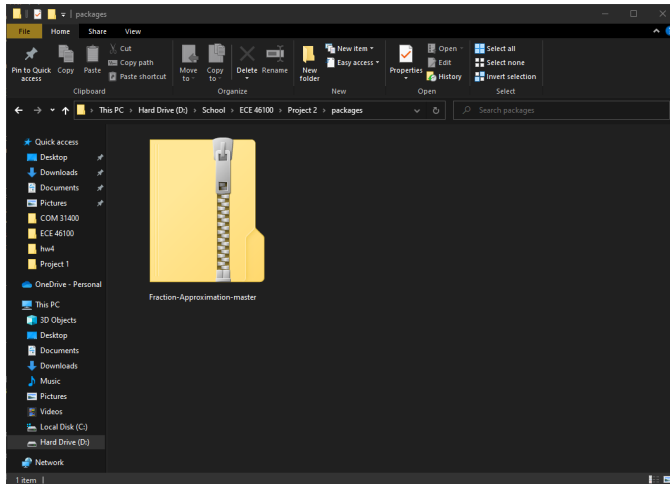
Task targeted for this week	Hours for this task: Planned and Actual	Is it complete? (If yes, how did you confirm?)	If incomplete: Estimated hours of remaining work
Zipping/unzipping	Planned 15 hours, actual 6 hours	Yes, the class is able to accept an archive (zip or tar) and extract its files. It is also able to create an archive (zip) from the files.	N/A
Ingestion	Planned 6 hours actual 2.5 hours	No	4-5 hours
Version parsing	Planned 10 hours, actual 0 hours	No	10 hours

For version parsing, this will need to get pushed back to the next milestone, to be done along with starting the HTML, which I suspect won't take as long since we have a good tutorial to build off of.

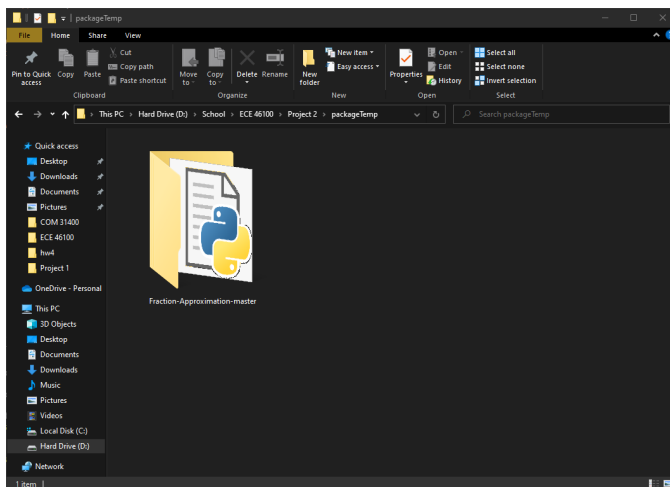
For the ingestion part, I am behind schedule due to other projects. However, the mitigation plan for this will be to go to office hours this week for help and do a bit more research as well.

Demo

For zipping and unzipping the program accepts a zip or tar archive. This is the archive that will be used for this demo.

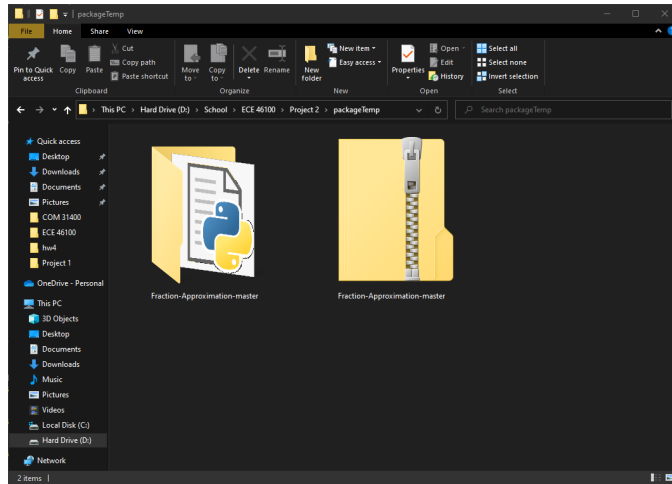


This is the temporary holding folder after the class has unzipped the archive. The contents of the archive are shown here.



This is the temporary holding folder after the class has archived the contents again. The created archive is shown here.

ECE 461 –Software Engineering



For the future, a cleaning method has also been included which removes these contents from this folder so the system does not build up too much data.