

Final Project Proposal

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- **The description of what your program is intended to do. What is its purpose and who is it aimed at?**
 - My program will get data from Steam website. It would use crawling to find the most popular game on Steam right now. Then use RAWG to retrieve related information like developer information of the game. With a selected developer, the program can further show more games developed by this developer.
 - The program is aimed at game lovers.

- **The data sources you intend to use, along with your self-assessment of the “challenge score” represented by your data source selection.**
 - Data sources:
 - Steam website for crawling and scraping:
<https://store.steampowered.com/>
 - API: <https://rawg.io/apidocs>
 - Challenge score:
 - $4 \text{ (Web API you haven't used before that requires API key or HTTP Basic authorization)} + 8 \text{ (Crawling[and scraping] multiple pages in a site you haven't used before)} = 12$

- **The presentation options you plan to support (what information are you intending to display to users).**
 - Use plotly to show game and developer related information
 - Tables that show popular games on Steam right now, developer information and so on.

- **The presentation tool(s) you plan to use.**
 - Use terminal and plotly.