# Web Development Project Proposal

Please type directly into this document and submit it on Moodle as a PDF. Anything in a box is designed for your team to modify.

## Identification

Student participant names:

|  |
| --- |
| Christopher Bartos |
| Shlomo Bensimhon |
| Luca Fratipietro |
| Marko Litovchenko |
|  |
|  |

The name of your team’s software company[[1]](#footnote-2):

|  |
| --- |
| SteamTools |

Official project name (*can* be changed later):

|  |
| --- |
| SteamIMDB |

Project’s internal codename (*cannot* be changed later):

|  |
| --- |
| Tibetan |

*n.b: A software project usually has a codename which is immune to the vagaries of your company’s marketing department. For example, one notorious version of Windows was internally referred to as “Longhorn” and one notorious version of Mac OS was referred to as “Rhapsody”. The latter-day tradition of naming versions of Mac OS after cats or places in California comes directly from the much older tradition of internal software codenames.*

*You should give your project a codename so that you can use it inside your software; it gives you an obvious namespace, a name for a singleton object, a prefix for whatever APIs you create, and so on. It should be something fun and memorable, but be careful, because names written in code are much harder to change than names invented by the marketing department!*

## Project summary

In as few words as possible but without sacrificing accuracy, give a high-level summary of your project:

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| --- |
| Rate steam games, provide feedback and categorize a curated catalogue. |

The project requires you to import a large data set. What data set(s) will you need for this project? Please include specific URLs. An important thing to check is that your data set includes the necessary information for your project! You should look at the columns of it and see what is there!

|  |
| --- |
| <https://www.kaggle.com/datasets/whigmalwhim/steam-releases>.  Additionally we will use the steam api to fetch details like description and external reviews |

What will make your web site unique? For example, is there a specific feature that your website will focus on? Will you appeal to a specific set of customers? (Please note that if you don't have any great ideas, it's okay 😊 It's mostly just to think about the real world aspects of your program!)

|  |
| --- |
| Unlike other sites like steamdb, we allow custom reviews of games and sharing your preferred game lists. We also allow tracking of themes across different categories rather than lumping them all together. |

## Target user personas

Please copy and paste the below “user profile” section as many times as necessary. There must be at least 2; there are likely to be 3 or more. Note that “administrators” and so on are users too. You may change these personas later if you need to.

### User persona 1

Persona description:

|  |
| --- |
| Steam Catalogue |

Name:

|  |
| --- |
| Nancy P. |

Importance of users corresponding to this persona:

|  |
| --- |
| Important 75% or more |

Broad goal:

|  |
| --- |
| Catalogue custom curated content |

User stories (give at least 2):

|  |  |
| --- | --- |
| **User story** | **Feature(s) provided** |
| As a steam catalogue, I want to create my own list of games to share with my friends. | List appending games with categories per user collection  A profile for tracking user’s favorite games  Searchbox for finding given users |
| As a steam catalogue, I want to find other user’s lists based on their rating. | Ability to save other user’s lists  Track collections based on shared rating (friends or public) |
| As a user, I want to read reviews for certain games and leave my own | Add a textbox to specific steam game pages to write reviews in. Can like/dislike reviews, most liked reviews appear at the top of the games page |
| As a user I want to search for specific games | Add a search page where you can search by title or by genre and other categories |

### User persona 2

Persona description:

|  |
| --- |
| Steam Charts |

Name:

|  |
| --- |
| Joey B |

Importance of users corresponding to this persona:

|  |
| --- |
| Semi-Important 50% |

Broad goal:

|  |
| --- |
| Track performance and popularity of certain games |

User stories (give at least 2):

|  |  |
| --- | --- |
| **User story** | **Feature(s) provided** |
| As a steam chart, the games I display should display the most popular genres based on the rate of positive vs negative reviews | Graph chart using the provided total reviews, positive and negative reviews  Input box or selection menu for genres + tags |
| As a steam chart, the games I display will follow the peak players overtime to track popularity. | Select menu for games to view peak player count of games and group them together  Add button to track individual games and their popularity amongst genres |

## Mockups

Insert one or more sketches/mockups of your project’s user interfaces here (copy-paste a new box for each). After each mockup, write a list of which features from the table above are shown in each mockup and where they are represented. (You may also draw that directly on the mockup, with arrows.)

Please produce as many mockups as necessary to show as much of your application as possible.

*n.b: If you submit a photo using a phone/tablet camera, please ensure it is as legible/clear as possible by taking the photo in good lighting and by positioning the camera directly above. Alternatively, you can use a scanner, or make your sketches in a mockup or vector drawing program such as Pencil or Figma.*

|  |
| --- |
| Main UI:    List of features presented:   * Steam charts * Steam List * Steam Games |

|  |
| --- |
| Search UI (or whatever):  A screenshot of a computer program  Description automatically generated  List of features presented:   * Filtering of games by genre * Searching of games by name * Preview of games by clicking on one of the scrolling game items * Scrolling of games based on genre |

|  |
| --- |
| Details page UI (or whatever):  A screenshot of a computer  Description automatically generated  List of features presented:   * Shows details for specific game * A section to add comments and search through previous comment * Track user feedback on the game |

1. Can only be changed after corporate board approval [↑](#footnote-ref-2)