

## INDEPENDENT PROJECT WRITE – UP

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### 1. Introduction

Through my project, I am trying to integrate some of my fondest childhood memories with a few skills that I've acquired over this past year. I am making a few nostalgic games in Python and some of its modules, alongside a website, which was made using Bootstrap, HTML and CSS; everything themed a specific way – Harry Potter. Considering the fact that many of us forget what we used to love and spend most of our time on during our childhood, the motivation behind taking this topic is to provide a spot for enthusiasts of specific franchises or genres to enjoy and recollect their nostalgia. Just for a while, it can become a spot for people to get back from their mundane jobs and harsh realities of the world to embrace their childhood memories.

### 2. Problem statement

It's been a while since Harry Potter has ended, but there has been no reduction in the fandom whatsoever, and this is the case with several amazing franchises. Through the years, several amazing websites have come up, but there are a few issues with most of them. After a certain time, their appeal becomes quite diminished, as they become more repetitive, causing lack of interest. I have attempted to resolve this by making my own set of codes in order to create a set of themed games, quizzes and also a simple website. I think introducing a competitive aspect, either with the player themselves, or with other people on a global level, making it multiplayer, will make such websites or games much more engaging and less repetitive. Thus, I made a few original games and an interactive website with quite a few sections for people to explore. The website not only holds a home page, and an about section, but it also consists of a few databases through which people can go through to find out more about elixirs, spells and wizards and witches of the Harry Potter franchise, a quiz section which holds a few quizzes for them to attempt, and also a summaries section, which can be explored by people who are in a dilemma whether to take up the series or not and who don't mind some spoilers, or even by fans who might not want to read the whole thing again, but definitely want to get back to the experience of reading the franchise, as this section would allow them to reminisce those times.

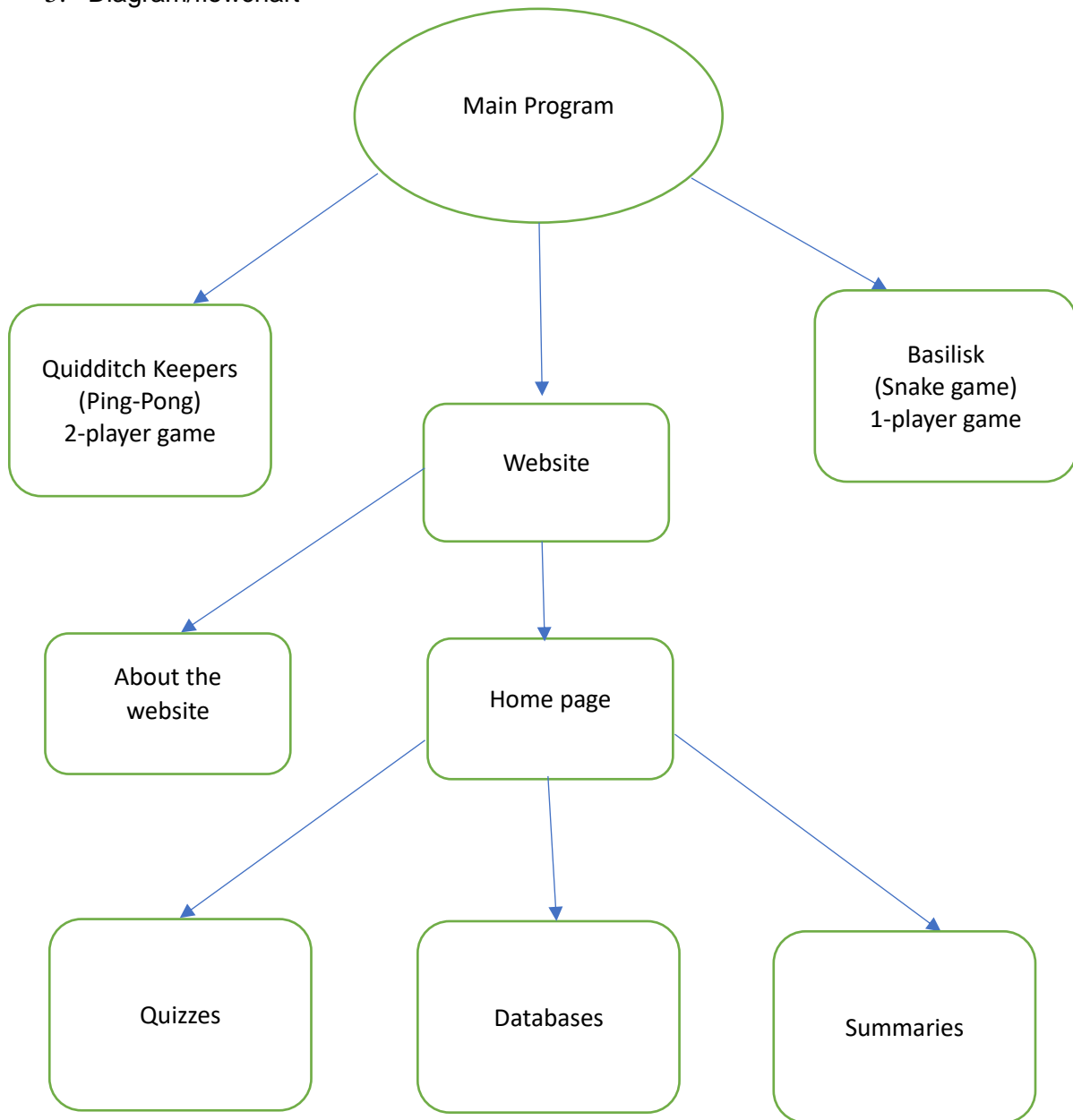
### 3. Novelty (if your project is not novel, state the technology already in existence)

There are quite a few websites which work on a specific theme and might offer quizzes and also a few games. While I've taken inspiration from some of them, my idea of the website is different from others and it is a novelty. I've used existing Api's and Json data available on the internet in order to create a few databases. Bootstrap, which is an existing framework to create websites, was also used in the project. I used Canva in order to create a couple of logos which were used in the website. I also used the external websites Typeform and Sporcle, in order to create the quizzes and obtain the questions for the quizzes respectively.

### 4. Technology used: Software/Hardware/Programming Languages

- Bootstrap
- Python
- Turtle
- Tkinter
- Jinja
- Flask
- Html
- Css
- Api keys
- Canva and Typeform – The external websites used.

## 5. Diagram/flowchart



## 6. Scope

Though the only theme I am considering in this project is of Harry Potter, the scope of this project is much larger. With enough time, I would like to expand this project to comprise of several other genres and franchises with thriving fandoms, such as anime in general, or a franchise like Star Wars in particular, and also trying to include the games within the website rather than people being forced to try some coding in order to play, while at the same time providing open-source codes for these themed games, which will definitely be enjoyable for people who are into coding. This expansion will enable more people, who are into different franchises, to have a go to place to enjoy and get back to their nostalgic childhood fictional fantasies.