

# Capstone 1 Proposal - Harry Potter

## 1. What goal will your website be designed to achieve?

This website will be a fun site that will allow users to take a sorting hat quiz that will assign them to one of the 4 Harry Potter houses. Once the quiz is complete and the answer is revealed they can create a user profile. They will be able to find and favorite spells and potions as well as check out their friends' profiles.

## 2. What kind of users will visit your site? In other words, what is the demographic of your users?

I envision the demographic being elementary school kids and up. The quiz will ask simple school age appropriate questions for a little bit of fun.

## 3. What data do you plan on using?

[PotterDB](#)

## 4. In brief, outline your approach to creating your project:

### a. What does your database schema look like?

I will have a users table which will store the user name, password and url image. User's favorite potions and spells will also be saved.

### b. What kinds of issues might you run into with your API?

The API could be down.

### c. Is there any sensitive information you need to secure?

Passwords will be secured.

### d. What functionality will your app include? What will the user flow look like?

The user will be able to see all of the wizards in their house. They can look at all of the spells and add them to their personal spell book. The same for potions. Users will be able to view their friends' user information as well.

### f. What features make your site more than CRUD? Do you have any stretch goals

I will incorporate a survey to decide the House. Other possibilities include infinite scroll for potions and spells. If time allows I would love to add a feature that allows the User to get their wizard name.