* 1. **What is your program supposed to do?** It’s a game called 400 Ways to Die. It’s a game that takes in some info about the user, randomly generates a death event, and outputs the data to the user. I have chosen to create a game because I always find that building something that is entertaining or interesting to me is the best way to immerse myself in a programming endeavor, and it has also come in handy during interviews when I need something to show off which helps break the ice.
  2. **Who will use the program? Identify all intended users.** People interested in playing a short silly game that tells them how they’ll die. From age 9-99.
  3. **Why will the program be of use to the intended users?** Most people love games, and writing games is fun. Some people (like me) have a morbid curiousity.
  4. **What data will the user input into your program?** Name, birthdate, city, single/married, if married then partner’s name and gender, time to live, and the answer to a randomly generated question which will be used in the output.

**DATA INPUT:**

Welcome to

---------------------

400 Ways to Die

---------------------

Let’s play!

First, I need to know some things.

Enter your name: Samantha

Enter your birthdate: 6/11/87

Enter your city: Boulder

Are you single or married? (Enter ’s’ for single or ‘m’ for married): M

Enter your partner’s name: Chris

Enter [Chris’] gender (Enter ‘f’ for female or ‘m’ for male): M

How much time would you like to live?

(Select an option then hit Enter):

1. Let’s get it over with ASAP
2. 6 months would be nice
3. I’ll take a year
4. Surprise me!

(Randomly Generated Question): What’s the most useful object you own? Refrigerator

<button> Generate Death </button>

**OUTPUT SCREEN:**



* *Clicking ‘Generate Death’ generates a random number between 1 and 20.*
* *We pick a random activity from a randomActivity[20] list using the random number (ex) getting a candy bar from a vending machine)*
* *We pick a death event from a deathEventList[20]*
* *We pair the two into a sentence (there are 20\*20=400 combinations / ways to die)*
* *We pick a date in the future based on the [time to live] answer.*
* *If user is married, we show an illustration of a male or female stick figure holding flowers and kneeling in front of a gravestone with the user’s name, birth/death dates, and a random poem with the answer to the randomly generated question inserted.*
* *Above the photo, we show a news article with the headline of the death event and date*