**Computer Science Capstone Topic Approval Form**

The purpose of this document is to help you clearly explain your capstone topic, project scope, and timeline. Identify each of these areas so that you will have a complete and realistic overview of your project. Your course instructor cannot sign off on your project topic without this information*.*

*Note: You must fill out and submit this form. Space beneath each number will expand as needed.*

*Any cost associated with development of application will be the responsibility of the student.*

**INFORM INSTRUCTOR:**

Potential use of human subjects: N

Potential use of proprietary company information: N

**ANALYSIS:**

1. Project topic AND description:

Rock-Paper-Scissors “March Madness”: An application to let people participate and gamble on Rock-Paper-Scissors matches.

1. Project purpose/goals:

The project intends to illustrate simplistic betting and gambling odds under the context of a simple game.

**DESIGN and DEVELOPMENT:**

1. Computer science application type (select one): Web
2. Programming/development language(s) you will use: JavaScript/TypeScript
3. Operating System(s)/Platform(s) you will use: macOS
4. Database Management System you will use: SQLite
5. Estimated number of hours for the following:
   * 1. Planning and Design: 8
     2. Development: 60 - 80
     3. Documentation: 20 - 30
     4. Total: 88 - 118
6. Projected completion date: June 2020

**IMPLEMENTATION and EVALUATION:**

1. Describe how you will approach the execution of your project:

Code and complete a component every day until it is done.

**STUDENT SIGNATURE**

**\_\_Ray Marcus Perry\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**By signing and submitting this form you acknowledge** any cost associated with development and execution of the application will be your (the student) responsibility.

**COURSE INSTRUCTOR’S NAME:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**COURSE INSTRUCTOR APPROVAL DATE:**

**Project Compliance with IRB Y/N:**