**ICP3 Report**

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github: <https://github.com/GollapudiSrikanth/WebMobileSpring2022/tree/main/Web/ICP3>

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github: [https://github.com/MangiVarunReddy/Webcourse/tree/main/Web\_part/ICP](https://github.com/MangiVarunReddy/Webcourse/tree/main/Web_part/ICP21)3

**Task Performed**

1. Create a web page for Rock,Paper,Scissor game and an responsive web page as shown in the UI WireFrame.
2. RPS(Rock,Paper,Scissor)Game
   * Built an first version UI for the game.
   * Rock,Paper and Scissor are displayed with each images next to one another.
   * Game can be played with computer.
   * Scores are displayed on the screen every time as user plays.
   * Winner of each game will be alerted with a popup on the screen.
   * On click of the any image game starts and played with computer
   * **Logic of the Game**:
     + OnClick of each image, calls a function with a value indicating what is the image
     + Then the random generator comes in picture which generates a random value in range of 1-3.
     + 1 is considered as rock,2 is considered as paper,3 is considered as scissor.
     + Based on the game logic in the javascript we have function named ‘result(value)’ which consists of game logic using if else-if statements.
     + Based on the logic users gets displayed a popup who won the game.
3. Responsive web page
   * A Mock design has been given with prototype.
   * Need to use the latest bootstrap framework to implement that particular design
   * Using Bootstrap 4.3.1 we have achieved this task
   * The resultant web page is responsive and verified for all the responsive mobile phones which are available in the chrome browser and screen shots has also been provided in this report of screenshot section.

**OutCome**

From this task we were able to implement a Game(rock,paper,Scissor) with HTML5,CSS3,Javascript. Tested the game in all scenarios and played with computer and got the logic behind computer gaming. Got to know how to design a web page which is responsive in all the scenarios of chrome responsive testing, With the help of BootStrap Framework we were able to achieve this.

**Task Distribution**

Work Contributed was equally distributed together.

**Code Snippets: RPS Taks**

Text

Description automatically generated

A computer screen capture

Description automatically generated with low confidence

**Bootstrap Snippet:**

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

A screenshot of a computer

Description automatically generated

**Task Screenshots: Game(RPS)**

Graphical user interface, application, Teams

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application, Teams

Description automatically generatedGraphical user interface, text, application

Description automatically generated

**Responsive web page Screenshots:** taken this using Chrome F11 Mode

Website

Description automatically generated

**Verifying the responsiveness on various resolutions.**

Graphical user interface, text

Description automatically generatedGraphical user interface, website

Description automatically generatedGraphical user interface, website

Description automatically generatedGraphical user interface, website

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Graphical user interface, website

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