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FUNCTIONAL ◼ SPECIFICATION

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| **Overview**  (What is the name of the app and who are you making it for?) | | **1** |
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|  | **Project Manager:**  (Your name) | John Smith |
|  | **Client name:**  (Name of the teacher you are making the app for) | Mr. Johnson |
|  | **App title:**  What is the name of your app? | 3D Dice Roller |
|  | **Deadline:**  (When does the app need to be completed?) | December 2013 |

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| **TARGET AUDIENCE**  (Who is the app aimed at?) | | **2** |
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|  | **Who is it for?** | Who will use the app (teacher / students etc.) |
|  | * **Gender:**   + Male   + Female * **Age:**   + Any * **Devices** (What devices will the app be used on?)**:**   + Windows Phone   + Windows 8 devices (Tablets / PCs) | |

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| **PURPOSE OF THE APP**  (What is the app supposed to do?) | | **3** |
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|  | **What will it achieve?** | After using this app the user will: |
|  | * **Be able to:**   + Pick a number at random between 1 and 6   + Use the app as a virtual dice to use when playing board games   **Other:** | |

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| **APP DESCRIPTION** | | **3** |
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|  | **What must the app be able to do?** | The app must be able to do the following: |
|  | * Pick a number at random between 1 and 6 * Allow the user to select up to 6 dice * Display the value of all the dice added together | |
|  | **What must the app include?** | The app must include the following: |
|  | * **Navigation** (buttons, hyperlinks etc.)**:**   + Menu button (To take the use back to the main menu)   + Roll button(To roll the dice)   + Options button (To allow the user to choose the number of dice) * **Interaction** (touchscreen, input, sounds etc.)**:**   + Work with touch screen devices   + Work with mouse or keyboard   + Input screen to allow the user to choose the number of dice * **Colours:**    + Green background   + Red dice   + Red menu buttons to match the colour of the dice * **Text** (font, size, colour etc.)**:**   + Title – Arial 16, (white)   + Other text – Arial 14 (white) * **Images:**   + Dice (One for each face - 1 to 6)   + Menu buttons * **Sounds and animations:**   + Dice roll sound effect * **Screen size / orientation** (e.g. Landscape 800 x 480):   + Portrait (480 x 800)   **Other:** | |

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| **KEY DATES** | | **4** | |
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|  | **What are the key dates?** | In order to meet my deadline I must get the following tasks done by the following dates: | |
|  | **Main tasks** | | **Key date** |
| Design | | Week 1 |
| Create assets (Images and Sound) | | Week 2 |
| Create Prototype (To show to the teacher) | | Week 4 |
| Testing and users guide/instructions | | Week 6 |
| Handover to client (Teacher) | | Week 7 |
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