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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
*
*
*
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|  | **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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