**Summary**

* Identification of a suitable platform and OS, by comparing the alternatives and selecting those with the most appropriate features
  + - * Possibilities, trade-offs

|  |  |  |
| --- | --- | --- |
| **Platform** | **Features** | **Trade-offs** |
| Raspberry Pi |  |  |
| Standard pc |  |  |
| Kinect |  |  |
| Tablets, phones (running iOS, Android) |  |  |
| Windows Surface (for the teacher) |  |  |
| … |  |  |
| **Our choice** | Raspberry Pi, standard pc, Kinect | |

|  |  |  |
| --- | --- | --- |
| **OS** | **Features** | **Trade-offs** |
| **Raspberry Pi** | | |
| Wheezy Raspbian |  |  |
| Google Chrome OS |  |  |
| RISC OS |  |  |
| … |  |  |
| **Standard pc** | | |
| Windows 8 |  |  |
| … |  |  |
| **Our choice** | Raspbian, Windows 8 | |

* Identification and trialing of appropriate software, libraries and other elements suited for the target platform and OS to support and create the application
  + - * Choices, strengths, weaknesses

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Choices** | **Strengths** | **Weaknesses** |
| **Software** | | | |
| HTML5 editors (to create application) | Adobe Edge package |  |  |
|  |  |  |
| Web browsers (to support the application) | Google Chrome |  |  |
| Firefox |  |  |
| Internet explorer |  |  |
| Safari |  |  |
| Our choice | Adobe Edge, Google Chrome | | |
| **Libraries** | | | |
| … |  |  |  |
| … |  |  |  |
| **Other elements** | | | |
| … |  |  |  |

The teacher is going to use a standard pc with Windows 8 and Kinect.

Students will have Raspberry Pi and can use their mobile devices at home.