Application Requirements

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| Requirement | Priority  (H, M, L) | Supplier  Compliance  (Full, partial or will not be delivered) | Supplier  Comment |
| Data | | | |
| 1: The app must include colour-coded floor plans for navigations, including further details on tutor rooms, computer rooms, teaching spaces and details for out-of-hours access. | H | Full |  |
| 2: The app must include Tutor Profiles which include names, details and the location of their tutor rooms. | H | Full |  |
| 3: The app must include a tour guide for open days, with all the necessary information within. | M | Full |  |
| 4: The app must include a menu for the Café within the USB. | L | Full |  |
| 5: The app must include the locations of the vending machines in the USB, either on the floor plan or as a part of a separate page. | L | Full |  |
| 6: The app must include the locations of the and toilets in the USB, either on the floor plan or as a part of a separate page. | M | Full |  |
| 7: The app must include information for the standard fire procedure of the USB, including meeting locations. | H | Full |  |
| 8: The app must include a Wheelchair-accessible navigation guide. | H | Full |  |
| 9: The app must include both locations and descriptions of various architectural features of the USB. | M | Full |  |
| 10: The app must provide details on the opening and closing times of the Café. | M | Full |  |
| 11: The app must provide details on the opening and closing times the USB. | H | Full |  |
| 12. The app must display a three-dimensional fully rendered floor plan of the building | L | Will not be delivered | The memory requirements outweigh the functionality gained |
| 13. The app must display a news feed of events taking place in the USB | L | Will not be delivered | The news feed of events provided by the university is not updated and thus would be a pointless inclusion |
| 14. The app should allow the user to view the number and specification of computers in each cluster room | L | Full |  |
| Features | | | |
| 1: The app must give the user the ability to search for specific tutors and their rooms. | H | Full |  |
| 2: When the room is found, the app must give the user directions to said location. | H | Full |  |
| 3: The app must give the user directions both to and from the USB and other locations such as the main campus. | M | Full |  |
| 4: The app must include a tour guide detailing the architectural features of the USB. | M | Full |  |
| 5: The app must include a tour guide section, offering a guide for visitors to rooms, features of the building and nearby landmarks. | H | Full |  |
| 6. The app should display data from the building sensors | L | Will not be delivered | This is not required and would be an unnecessary feature, |
|  | | | |
| Design Requirements | | | |
| 1: The app must include photos of the building’s interior and exterior as a part its design. | M | Full |  |
| 2: The app must have Dark Mode functionality that can be activated. | L | Full |  |
| 3: The app must have a menu that can be accessed on every page. | H | Full |  |
| 4: The app must have a menu that can be swiped in from the left-hand side of the screen. | L | Full |  |
| 5: The app must have an appropriate search button in order to use the search function of the app. | H | Full |  |
| 6: The app must have a title section with appropriate menu icons for navigation. | H | Full |  |
| 7: As the floors of the USB are colour coded, the floors of the app must be colour coded using the same choice of colourings as the building uses. | H | Full |  |
| Accessibility Requirements | | | |
| 1: There must be an appropriate way to activate step free directions | H | Full |  |
| 2: The app must be designed with colour blindness in mind. | H | Full |  |
| 3: The app may include text and user interface scaling as an option to improve the user experience for users with impaired vision. | M | Full |  |
| 4: The app will access the system accessibility of the device and adjust the text size if large text is enabled. | H | Full |  |