# Team 17 – Report A – Test Plan

## Functionality Testing

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| **Ref** | **Page** | **Test Description** | **Result** | **Change(s)** |
| F1 | Login | Department drop down populates correctly | Successful |  |
| F2 | Login | Password and department are matched correctly (successful login) |  |  |
| F3 | Login | ‘Remember Me’ function works |  |  |
| F4 | Booking | Round selection displays only current open rounds |  |  |
| F5 | Booking | Module part drop down populates correctly |  |  |
| F6 | Booking | Module part – on change filters module name |  |  |
| F7 | Booking | Module code list box populates correctly |  |  |
| F8 | Booking | Module code – on change filters module name |  |  |
| F8 | Booking | Number of students – on change updates room |  |  |
| F9 | Booking | Number of rooms – on change extra rooms appear |  |  |
| F10 | Booking | Room type - on change updates room |  |  |
| F11 | Booking | Room Style - on change updates room |  |  |
| F12 | Booking | Park - on change updates room |  |  |
| F13 | Booking | Building - on change updates room |  |  |
| F14 | Booking | Facilities - on change updates room |  |  |
| F15 | Booking | Time Information – at least 1 is selected |  |  |
| F16 | Booking | Weeks 1-12 selected as default |  |  |
| F17 | Booking | Once a booking is submitted the database is updated accordingly |  |  |
| F18 | Module | Only the department logged in can be selected as the department section of the module code |  |  |
| F19 | Module | Module part drop down populates correctly |  |  |
| F20 | Module | Once a module is submitted the database is updated accordingly |  |  |

## Validation Testing

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| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Page** | **Test Type** | **Test Description** | **Input Data** | **Predicted Result** | **Actual Result** |
| V1 | Booking | Normal | Valid entry in Number of Students field | 100 | Successful |  |
| V2 | Booking | Extreme | Valid entry in Number of Students field | 0 | Successful |  |
| V3 | Booking | Extreme | Valid entry in Number of Students field | 415 | Successful |  |
| V4 | Booking | Erroneous | Invalid entry in Number of Students field | 416 | Error Message |  |
| V5 | Booking | Erroneous | Invalid entry in Number of Students field | -1 | Error Message |  |
| V6 | Module | Normal | Valid entry in Module code field | 101 | Successful |  |
| V7 | Module | Erroneous | Invalid entry in Module code field | [Blank] | Error Message |  |
| V8 | Module | Erroneous | Invalid entry in Module code field | 1001 | Error Message |  |
| V9 | Module | Erroneous | Invalid entry in Module code field | 1A1 | Error Message |  |
| V10 | Module | Normal | Valid entry in Module name field | AI Methods 2 | Successful |  |
| V11 | Module | Erroneous | Invalid entry in Module code field | [Blank] | Error Message |  |