# Team 17 – Report A – Test Plan

## Functionality and Validation Testing

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| --- | --- | --- | --- | --- |
| **Test** | **Page** | **Test Description** | **Result** | **Change(s)** |
| T1 | Login | Department drop down populates correctly |  |  |
| T2 | Login | ‘Remember Me’ function works |  |  |
| T3 | Home | Password and department are matched correctly (successful login) |  |  |
| T4 | Home | Current status displayed -shows requests pending, denied and allocated for the department logged in |  |  |
| T5 | Home | Updates displayed – shows current round and date |  |  |
| T6 | Home | Current, upcoming and closed rounds show correct information |  |  |
| T7 | Make a Request | Round selection displays only current open rounds |  |  |
| T8 | Make a Request | Module part drop down populates correctly |  |  |
| T9 | Make a Request | Module code and Module name list boxes populate correctly |  |  |
| T10 | Make a Request | Module part – on change filters modules |  |  |
| T11 | Make a Request | Module code – on change selects module name |  |  |
| T12 | Make a Request | Number of students – on change filters room list box |  |  |
| T13 | Make a Request | Number of rooms – on change extra room list box appears |  |  |
| T14 | Make a Request | Room type - on change filters room list box | See T13 |  |
| T15 | Make a Request | Room Style - on change filters room list box | See T13 |  |
| T16 | Make a Request | Park - on change filters room list box | See T13 |  |
| T17 | Make a Request | Building - on change filters room list box |  |  |
| T18 | Make a Request | Facilities - on change filters room list box |  |  |
| T19 | Make a Request | Weeks 1-12 selected as default |  | This does not occur if an ad-hoc round has been selected |
| T20 | Make a Request | In ad-hoc round only weeks remaining can be selected |  |  |
| T21 | Make a Request | On Submit –  A Module Code/Name must be selected  Number of Students cannot be empty  At least 1 week and time period must be selected |  | In ad-hoc round at least 1 week must be selected |
| T22 | Make a Request | Once a Make a Request is submitted the database is updated accordingly |  |  |
| T23 | Module | Only the department logged in can be selected as the department section of the module code |  |  |
| T24 | Module | Module part drop down populates correctly |  |  |
| T25 | Module | On Submit – Module code and name cannot be blank |  |  |
| T26 | Module | Once a module is submitted the database is updated accordingly |  |  |
| T27 | Make a Request | New module added to module list box on request form |  |  |
| T28 | Room Information | Park, Building ID and Building Name list boxes populate correctly |  |  |
| T29 | Room Information | Advanced filters on/off works correctly – room list box populates correctly |  | Park, Building ID and Building Name become greyed out |
| T30 | Room Information | Room type – on change filters room list box |  |  |
| T31 | Room Information | Room style – on change filters room list box | See T30 |  |
| T32 | Room Information | Room capacity – on change filters room list box | See T30 |  |
| T33 | Room Information | Room facilities – on change filters room list box |  |  |
| T34 | Room Information | Room list box – on select correct room information appears below |  |  |
| T35 | Room Information | Semester drop down populates correctly |  |  |
| T36 | Room Information | Select Request This Room – displays request form with room selection info filled in |  | The maximum capacity of the selected room is displayed next to the Number of Students field |
| T37 | My Requests | Semester drop down populates correctly |  |  |
| T38 | My Requests | List view radio button changes display |  |  |
| T39 | My Requests | Table view radio button changes display |  |  |
| T40 | My Requests | View allocated request in full detail |  |  |

## Data Entry Testing

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| --- | --- | --- | --- | --- | --- | --- |
| **Test** | **Page** | **Test Type** | **Test Description** | **Input Data** | **Predicted Result** | **Actual Result** |
| D1 | Make a Request | Normal | Valid entry in Number of Students field | 100 | Successful | Successful |
| D2 | Make a Request | Extreme | Valid entry in Number of Students field | 1 | Successful | Successful |
| D3 | Make a Request | Extreme | Valid entry in Number of Students field | 415 | Successful | Successful |
| D4 | Make a Request | Erroneous | Invalid entry in Number of Students field | 416 | No Functionality | No Functionality |
| D5 | Make a Request | Erroneous | Invalid entry in Number of Students field | 0 | No Functionality | No Functionality |
| D6 | Module | Normal | Valid entry in Module code field | 101 | Successful | Successful |
| D7 | Module | Erroneous | Invalid entry in Module code field | [Blank] | Error Message | Error Message at top of page |
| D8 | Module | Erroneous | Invalid entry in Module code field | 1001 | No Functionality | Cannot be entered, limited to 3 characters |
| D9 | Module | Erroneous | Invalid entry in Module code field | 1A1 | No Functionality | No Functionality |
| D10 | Module | Normal | Valid entry in Module name field | AI Methods 2 | Successful | Successful |
| D11 | Module | Erroneous | Invalid entry in Module code field | [Blank] | Error Message | Error Message at top of page |