Initial Deliverable

# Use Cases

|  |  |
| --- | --- |
| Use Case Name | Add room |
| Use Case Description | Admin adds a room to the list of available rooms along with the room’s relevant details |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin views the list of rooms  Admin clicks Add Room Button  Admin enters room details  Admin clicks Add Room Button |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  Admin does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | View rooms |
| Use Case Description | Admin views a list of available rooms |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin views the list of rooms |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  Admin does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | Edit room |
| Use Case Description | Admin edits an existing room from the list of available rooms |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin views the list of rooms  Admin clicks the room they want to edit  Admin enters room details  Admin clicks Save Room Details button |
| Alternate pathways | Admin logs in  Admin views the list of rooms  Admin applies a filter to the list of rooms  Admin clicks the room they want to edit  Admin enters room details  Admin clicks Save Room Details button |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  Admin does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | Delete room |
| Use Case Description | Admin deletes an existing room from the list of available rooms |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin views the list of rooms  Admin clicks the room they want to delete  Admin asked for confirmation  Admin confirms |
| Alternate pathways | Admin logs in  Admin views the list of rooms  Admin applies a filter to the list of rooms  Admin clicks the room they want to delete  Admin asked for confirmation  Admin confirms |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  Admin does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | Contact message |
| Use Case Description | User sends a contact message to another user |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin, teacher |
| Locations | On-line |
| Primary pathway | User logs in  User enters contact message  User sends message |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  User does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | Edit room booking |
| Use Case Description | Teacher edits an existing room booking from their timetable |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Teacher |
| Locations | On-line |
| Primary pathway | Teacher logs in  Teacher views timetable  Teacher selects lesson slot to change room booking on  Teacher views rooms that are available (IT rooms)  Teacher selects room  Teacher saves information |
| Alternate pathways | Teacher logs in  Teacher views timetable  Teacher selects lesson slot to change room booking on  Teacher views rooms that are available (IT rooms)  No rooms are available at that time |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  User does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | View timetable |
| Use Case Description | Teacher views their timetable for the week |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Teacher |
| Locations | On-line |
| Primary pathway | Teacher logs in  Teacher views timetable |
| Alternate pathways | Teacher logs in  Teacher views timetable  Teacher views past weeks and future weeks |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  User does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | Edit alarm settings |
| Use Case Description | Teacher changes their alarm settings |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Teacher |
| Locations | On-line |
| Primary pathway | Teacher logs in  Teacher views timetable  Teacher changes their alarm sound |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem  User does not get correct login details |

|  |  |
| --- | --- |
| Use Case Name | Log in |
| Use Case Description | User logs in with their credentials |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Teacher, admin |
| Locations | On-line |
| Primary pathway | User logs in |
| Alternate pathways | User attempts log in  Details are incorrect and are returned to the login screen with an error message |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

|  |  |
| --- | --- |
| Use Case Name | Create teacher account |
| Use Case Description | Admin creates a teacher account |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin clicks button to create new teacher account  Admin enters teacher’s details  Admin saves details and account is created |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

|  |  |
| --- | --- |
| Use Case Name | Create admin account |
| Use Case Description | Admin creates an admin account |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin clicks button to create new admin account  Admin enters admin’s details  Admin saves details and account is created |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

|  |  |
| --- | --- |
| Use Case Name | Create timetable |
| Use Case Description | Admin generates timetable for a teacher |
| Use Case Author(s) | Benjamin Jones |
| Actor(s) | Admin |
| Locations | On-line |
| Primary pathway | Admin logs in  Admin clicks button to create new teacher account  Admin enters teacher’s details details  Admin saves details and account is created  Admin is taken to timetable page  Admin enters timetable details  Admin confirms details |
| Alternate pathways | N/A |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |