Web Applications Project Documentation

# Database Model

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# Test Cases

## User Register

Valid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Member\_id | Long | Auto generated |
| First Name | String | Joe |
| Last Name | String | Bloggs |
| Email | String | [j@bloggs.com](mailto:j@bloggs.com) |
| Contact Number | Integer | 0871231234 |
| Date of Birth | Date | 01/01/2000 |
| Address 1 | String | 1a Fake Street |
| Address 2 | String | Clarina |
| Address 3 | String | Limerick |
| Membership Type | Enum | FREE |
| Password | String | password1 |

Invalid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Member\_id | Long | Auto generated |
| First Name | String | “” |
| Last Name | String | “” |
| Email | String | Joes email |
| Contact Number | Integer | +3530871231234 |
| Date of Birth | Date | 1st January 2000 |
| Address 1 | String | “” |
| Address 2 | String | “” |
| Address 3 | String | “” |
| Membership Type | Enum | “” |
| Password | String | abc |

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## Add Team

Valid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Team\_id | Long | Auto generated |
| Name | String | BallyBrown Senior |
| Type | String | Hurling |
| Level | String | Senior |
| Club | Club | BallyBrown GAA |

Invalid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Team\_id | Long | Auto generated |
| Name | String | “” |
| Type | String | “” |
| Level | String | “” |
| Club | Club | “” |

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## Add Staff

Valid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Staff\_id | Long | Auto generated |
| First Name | String | Joe |
| Last Name | String | Bloggs |
| Email | String | [j@bloggs.com](mailto:j@bloggs.com) |
| Contact Number | Integer | 0871231234 |
| Date of Birth | Date | 01/01/2000 |
| Address 1 | String | 1a Fake Street |
| Address 2 | String | Clarina |
| Address 3 | String | Limerick |
| Role | String | MANAGER |
| Password | String | password1 |

Invalid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Staff\_id | Long | Auto generated |
| First Name | String | “” |
| Last Name | String | “” |
| Email | String | Joes email |
| Contact Number | Integer | +3530871231234 |
| Date of Birth | Date | 1st January 2000 |
| Address 1 | String | “” |
| Address 2 | String | “” |
| Address 3 | String | “” |
| Role | String | “” |
| Password | String | abc |

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## Add Event

Valid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Event\_id | Long | Auto generated |
| Name | String | Ballybrown V Kildimo |
| Location | String | Clarina |
| Time | Time | 16:30 |
| Type | String | Senior Hurling |
| Ticket Price | BigDecimal | 4.99 |
| Date | Date | 01/05/2024 |

Invalid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| Event\_id | Long | Auto generated |
| Name | String | “” |
| Location | String | “” |
| Time | Time | 4:30 pm |
| Type | String | “” |
| Ticket Price | BigDecimal | 5 euro |
| Date | Date | 1st of May 2024 |

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## Add Contact

Valid Data

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| id | Long | Auto generated |
| Name | String | Tom Collins |
| Email | String | [Tom@C.com](mailto:Tom@C.com) |
| Contact Number | Time | 0861231234 |

|  |  |  |
| --- | --- | --- |
| Field | Value type | Value |
| id | Long | Auto generated |
| Name | String | “” |
| Email | String | tomCollinsEmail |
| Contact Number | Time | 61231234 |

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JavaScript Validation is used, client side, to ensure that correct data is passed to the backend api. The same test cases can be used to test each update function.