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**BlogView : Use Case Descriptions**

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| **Use Case Number: 1** | | |
| Name | Register Account | |
| Description | User can create blog posts and comment on them if he registers himself in the system. | |
| Actors | User | |
| Preconditions | User must be in the registration page. | |
| **Basic Flow :** | | |

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| Step | User Action | System Response |
| 1 | User enters the necessary details in the registration form and submits. | The system validates all the data and saves data in the database. The system then takes to the login page. |
| 2 | User enters login details | The system validates data and shows the main page of the system. |

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| Postconditions | New user is added to the system. |
| Business Rules | Only users with email are allowed. |
| Alternate paths | 1. User already exists:   If the user with the same username or email exists, the system displays a message that the user with same username or email exists.   1. Not a valid email |

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| **Use Case Number: 2** | |
| Name | Add Category |
| Description | This use case gives functionality to create blog category. |
| Actor | User |
| Precondition | The user must be logged in. |
| **Basic Flow :** |  |

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| Step | User Action | System Action |
| 1 | User enters the name of a category | Displays a popup form that have input field for a category name. |
| 2 | The requests to save it. | The system saves it and returns a message. |

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| Postcondition | A new category will be created. |
| Business Rule | Cannot create duplicate category. |

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| **Use Case Number: 3** | |
| Name | Posts CRUD |
| Description | This use case provides functionality for managing blog posts. |
| Actors | User |
| Preconditions | The user must be logged in to the system. |
| **Basic Flow :** | |

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| 1.0 Create Posts | | |
| Step | User Actions | System Actions |
| 1 | The User clicks on create posts link to create a post. | System displays the create posts form with necessary input fields. |
| 2 | The User fills out the form and requests the system to save the details. | The system validates the input field and checks duplicate post title. If everything is fine it saves data otherwise displays validation errors. |
| Postconditions | | Blog Category is persisted in the system. |
| Business Rules | | No two posts have the same title. |

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| 1.1 Read Posts | | |
| Step | User Actions | System Actions |
| 1 | The User requests for a list of posts | The System returns a list of all posts. |
| 2 | The User selects to view a specific post from the list of posts. | The system returns posts data along with proper fields. |

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| 1.2 Update Posts | | |
| Step | User Actions | System Actions |
| 1 | The User requests a list of posts | System displays the list of all posts. |
| 2 | The User selects a post they want to update | The system an editable form with post details on it. |
| 3 | The User changes the parts they want to and then requests to save the data. | The System updates the post and returns a success message or failure message. |
| Postconditions | | The post details will be updated. |
| Business Rules | | Post can not have duplicate title with other posts. |

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| 1.3 Delete Posts | | |
| Step | User Actions | System Actions |
| 1 | The User requests a list of posts | System displays the list of all posts. |
| 2 | The User selects a post they want to delete | The system displays a confirmation dialogue. |
| 3 | The User selects OK to delete | The System then deletes a post and returns success or failure message. |
| Postconditions | | Post will be deleted. |

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| **Use case Number: 4** | |
| Name | Comment Post |
| Description | User can make comments on a post. |
| Actor | User |
| Precondition | User must be logged into the system. |
| **Basic Flow :** |  |

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| Step | User Action | System Action |
| 1 | User selects the specific post to comment | The system returns the post along with a form that contains fields for commenting on a post. |
| 2 | The user fills out comment form and request to save the comment. | The system checks validation and after saving returns success or failure message. |

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| Postcondition | A comment will be posted for the selected blog post. |

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| **Use Case Number: 5** | |
| Name | Provide Rating |
| Description | User can provide rating on a post. |
| Actor | User |
| Precondition | User must be logged in and there must be at least one post. |
| **Basic Flow :** |  |

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| Step | User Action | System Action |
| 1 | User selects the specific post to provide rating | The system returns the post along with a GUI for giving ratings. |
| 2 | The user fills out rating request to save. | The system then saves rating for a post and returns success or failure message. |

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| Postcondition | Rating for a post is saved and average rating will be displayed. |
| Business Rule | Multiple attempts for rating will update with a new value. |

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| **Use Case Number: 6** | |
| Name | Get Payment |
| Description | User receives payment from admin. |
| Actor | User |
| Precondition | User must have completed his profile. |
| **Basic Flow :** |  |

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| Step | User Action | System Action |
| 1 | User selects the specific post to comment | The system returns the post along with a form that contains fields for commenting on a post. |
| 2 | The user fills out comment form and request to save the comment. | The system checks validation and after saving returns success or failure message. |

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| Postcondition | A comment will be posted for the selected blog post. |

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| **Use Case Number: 7** | |
| Name | Make Payment |
| Description | Admin can make the payment which is received from user |
| Actor | Admin |
| Precondition | Admin must logged in to the system ad there must be at least one payment received from user |
| Basic Flow |  |

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| Step | User Action | System Action |
| 1 | User selects the specific post to comment | The system returns the post along with a form that contains fields for commenting on a post. |
| 2 | The user fills out comment form and request to save the comment. | The system checks validation and after saving returns success or failure message. |

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| Postcondition | A payment will be made for a particular post or user. |

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| **Use Case Number: 8** | |
| Name | Share Posts |
| Description | User can share blog posts on social media. |
| Actor | User |
| Precondition | User must be logged in. |
| **Basic Flow :** |  |

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| Step | User Action | System Action |
| 1 | User selects the specific post to which they want to share. | The system returns the post along with buttons for sharing on different social media. |
| 2 | The user then clicks the specific button to share it on according social media. | The system then uses API and shares a post. |

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| Postcondition | A blog post will be shared on social media like facebook, twitter. |