

Full Use Cases defined

CRUD APPLICATION USE CASES

BY GROUP 10

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| USE CASE 1 | View Data | |
| Goal in Context | Users requests data from the website, expects the data in various formats. | |
| Scope & Level | Software, Subfunction | |
| Preconditions | We know which data user wants to see | |
| Success End Condition | The user has set of data, the website is successful. | |
| Failed End Condition | The user doesn't get the desired data, the website is crashed | |
| Primary, Secondary Actors | User: an analyst, scientists, any person interested in using data. Internet, a suitable computer/laptop, a screen which can be used to see the data. | |
| Trigger | Click to the desired data set (i.e., Country data) | |
| DESCRIPTION | Step | Action |
| | 1 | User enters to the website |
| | 2 | User presses to the page of desired data (i.e., Country Pop.) |
| | 3 | User enters characters to the searching engine to find specific data. |
| | 4 | User gets the desired table of data |
| EXTENSIONS | Step | Branching Action |
| | 1a | User may view data: Any user can view all data. |
| SUB-VARIATIONS | | Branching Action |
| | 1 | User may use: Search engine, Specific data set |

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| RELATED INFORMATION | View the data |
| Priority: | Top |
| Performance | 2/3 minutes to find desired data |
| Frequency | Depends on user flow, 20-30 a day |
| Channels to actors | Yet to be determined |
| OPEN ISSUES | What if the data is wrong or not relevant? |
| Due Date | Sprint 3 |
| ...any other management information... | |
| Superordinate | Manage the database |
| Subordinates | View the data() Use searching engine() |

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| USE CASE 2 | Add Data | |
| Goal in Context | Users adds the data to the data set, expects to see new data | |
| Scope & Level | Software, Subfunction | |
| Preconditions | The user must be an Admin or given Admin privileges. | |
| Success End Condition | The user adds the new information to the table, the website is successful. | |
| Failed End Condition | The user doesn't add the data, the website is crashed | |
| Primary, Secondary Actors | User: an analyst, scientists, any person interested in using data. Internet, a suitable computer/laptop to enter the data. | |
| Trigger | Click to add New data button (i.e., City data) | |
| DESCRIPTION | Step | Action |
| | 1 | User clicks to add new information |
| | 2 | User enters the required types of data. |
| | 3 | User presses add button → will be added automatically |
| | 4 | User gets the desired table of data |
| EXTENSIONS | Step | Branching Action |
| | 1a | User may view data: Any user can view all data. User may add new data: Privilege given to Admin. |
| SUB-VARIATIONS | | Branching Action |
| | 1 | User may use: Search engine, Specific data set A separate window to enter credentials. |

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| RELATED INFORMATION | Add new information |
| Priority: | Top |
| Performance | 4/5 minutes to find desired data |
| Frequency | Used rarely, 4-5 a day |
| Channels to actors | Yet to be determined |
| OPEN ISSUES | What if the new data will be irrelevant to the context? |
| Due Date | Sprint 3 |
| ...any other management information... | |
| Superordinate | Manage the database |

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| USE CASE 3 | Edit existing Data | |
| Goal in Context | Users find the data that want to edit, we update it for them. | |
| Scope & Level | Software, Subfunction | |
| Preconditions | The user must be an Admin or given Admin privileges. The existing data must be selected from the set. The existing data must be incorrect or irrelevant. | |
| Success End Condition | The user edits the existing data in the table, the website is successful. | |
| Failed End Condition | The user doesn't edit the data, the website is crashed (505) | |
| Primary, Secondary Actors | User: Admin, a person was given edit privilege. Internet, a suitable computer/laptop to enter the data. | |
| Trigger | Select the data from the table, press edit button. | |
| DESCRIPTION | Step | Action |
| | 1 | User finds the data that wants to edit. |
| | 2 | User enters new information. |
| | 3 | New information will be added. |
| | 4 | The table gets updated. |
| EXTENSIONS | Step | Branching Action |
| | 1a | User may view data: Any user can view all data. User may edit the existing data: Privilege given to Admin. |
| SUB-VARIATIONS | | Branching Action |
| | 1 | User may use: Search engine, Specific data set, Edit the data from the table |

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| RELATED INFORMATION | Edit the information |
| Priority: | Top |
| Performance | Depends on the data type, 4-5 mins |
| Frequency | Used often, 10-12 a day |
| Channels to actors | Yet to be determined |
| OPEN ISSUES | What if the user selected wrong data from the table? |
| Due Date | Sprint 3 |
| Superordinate | Manage the database |

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| USE CASE 4 | Delete existing Data | |
| Goal in Context | Users find the data that want to delete, we will remove it from our records | |
| Scope & Level | Software, Subfunction | |
| Preconditions | The user must be an Admin or given Admin privileges. The existing data must be selected from the set. The existing data must be incorrect or irrelevant. The user must confirm the removal. | |
| Success End Condition | The user removes the existing data in the table, the website is successful. | |
| Failed End Condition | The user doesn't delete the data, the website is crashed (505) | |
| Primary, Secondary Actors | User: Admin, a person was given edit privilege. Internet, a suitable computer/laptop to enter the data. | |
| Trigger | Select the data from the table, press delete button. | |
| DESCRIPTION | Step | Action |
| | 1 | User finds the data that wants to delete. |
| | 2 | User confirms that wants to delete the existing data |
| | 3 | The data will be deleted and table will be updated |
| EXTENSIONS | Step | Branching Action |
| | 1a | User may view data: Any user can view all data. User may delete the existing data: Privilege given to Admin. |
| SUB-VARIATIONS | | Branching Action |
| | 1 | User may use: Search engine, Specific data set, Delete the data from the table |

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| RELATED INFORMATION | Remove the information |
| Priority: | Low |
| Performance | 2-3 mins |
| Frequency | Used very rarely, 1-2 max a day |
| Channels to actors | Yet to be determined |
| OPEN ISSUES | What if user deleted the wrong data? |
| Due Date | Sprint 3 |
| Superordinate | Manage the database |