

UseCase senario

A grey logo on a black background

Description automatically generated

|  |  |
| --- | --- |
| **Use Case Name** | Register |
| **UC ID** | 1 |
| **Description** | User creates a new account |
| **Trigger Event** | User click on “sign-up” button |
| **Precondition** | User install the application |
| **Postcondition** | User has created account successfully |
| **Happy Flow** | 1. Open the application. 2. Click on “sign up” button. 3. User enters his data. 4. Click on “create account” button. 5. Application validates entered data. |
| **Exceptions** | If user entered wrong data, print message “data are non-valid, please try again” |

|  |  |
| --- | --- |
| **Use Case Name** | Login |
| **UC ID** | 2 |
| **Description** | User enter to his account |
| **Trigger Event** | User click on “login in” button |
| **Precondition** | User has been registered to the application |
| **Postcondition** | User has successfully logged in his account |
| **Happy Flow** | 1. Open the application. 2. Click on “log in” button. 3. User entered his user name and password. 4. Click on “log in” button. 5. Application validates entered data. |
| **Exceptions** | 1. If user entered wrong username or password, print message “username or password isn’t correct please try again.” 2. If username is not existing, print message “this username is not registered, Do you want to register?”  * If yes change directory to Register page * If no exit log in page |

|  |  |
| --- | --- |
| **Use Case Name** | Set task settings |
| **UC ID** | 3 |
| **Description** | Add task settings |
| **Trigger Event** | User click on create (+) |
| **Precondition** | User selects create (+) |
| **Postcondition** | Setting for the task is added |
| **Happy Flow** | 1. User set task name. 2. Write task description (optional). 3. Add a task status(optional). 4. Set start and end time & date for task (optional). 5. Set reminder for the task, he will set the time and date he wants (optional). 6. Set repeating duration(optional). 7. Add notes or tags (optional). 8. Save settings |
| **Exceptions** | 1. If user doesn’t enter task name, ask him to enter name to continue. 2. If user set start date for the task, reminder or repeating with time or date in the past, show time is invalid please enter valid date and time. 3. If user set start time after end time or date, ask him to enter valid time or date |

|  |  |
| --- | --- |
| **Use Case Name** | Create task |
| **UC ID** | 4 |
| **Description** | Create a new task to the task list |
| **Trigger Event** | Click (+) button |
| **Precondition** | User must be logged in |
| **Postcondition** | A new task will be added to task list |
| **Happy Flow** | 1. Click on (+) button. 2. Application will show set task settings. 3. If user want to assign collaborators to this task, click on assign collaborators. 4. If user want to add category to this task, click on categorize task. 5. If user want to set dependencies for this task, click add priority. 6. Save task. |
| **Exceptions** | 1. If user Is not logged in, ask him to log in first to create task. 2. If user forgot to save the task, ask him if he want to save it,   - if yes save task for him  -if no, continue without saving.   1. If task settings not completed, ask him to complete it |

|  |  |
| --- | --- |
| **Use Case Name** | Adjust task settings |
| **UC ID** | 5 |
| **Description** | Add task settings |
| **Trigger Event** | User click on “edit task setting” |
| **Precondition** | User selects create (+) |
| **Postcondition** | Setting for the task is added |
| **Happy Flow** | 1. User set or edit task name. 2. Write or edit task description (optional). 3. Add or edit a task status(optional). 4. Set or edit start and end time & date for task (optional). 5. Set or edit reminder for the task, he will set the time and date he wants (optional). 6. Set or adjust repeating duration(optional). 7. Add or edit notes or tags (optional). 8. Save settings |
| **Exceptions** | 1. If task name was not entered, ask him to enter name to continue. 2. If user set start date for the task, reminder or repeating with time or date in the past, show time is invalid please enter valid date and time. 3. If user set start time after end time or date, ask him to enter valid time or date |

|  |  |
| --- | --- |
| **Use Case Came** | **Explore task** |
| **UC ID** | 6 |
| **Description** | The use opens an existing task to view, edit, or delete it |
| **Trigger Event** | Click open task button |
| **Precondition** | There is a task has been created |
| **Postcondition** | The user can view, edit, or delete a task |
| **Happy Flow** | 1. User selects a task. 2. Select one of the options (click on task name, edit, or delete). 3. If he clicked on task name, user could view task details, edit, or delete. 4. If he clicked on “edit” button, open adjust setting page. 5. If he clicked on “delete” button, show warning massage “this task will be deleted do you want to continue?”  * If yes, delete the task. * If no, do nothing |
| **Exceptions** | 1. If user do not have the authority to view, edit, or delete task, show “Sorry you don’t have the authority to do this” |

|  |  |
| --- | --- |
| **Use Case Name** | Set Collaboration |
| **UC ID** | 7 |
| **Description** | Assign, edit, or delete a collaborator to a task or category of tasks |
| **Trigger Event** | Click on “Collaboration” button. |
| **Precondition** | User must have tasks |
| **Postcondition** | Collaborator is added to a task, he can view, edit, delete (if he has the authority to do so) |
| **Happy Flow** | 1. Select task/s or category. 2. If User wants to assign a new collaborator:    1. Click on add collaborators.    2. Add email address to these collaborators.    3. Assign role and authority to each collaborator. 3. If User want to edit collaborators.    1. Click on add collaborators.    2. Edit email address to these collaborators.    3. He can Edit role or authority. 4. If user wants to delete collaborator, show warning massage “this task will be deleted do you want to continue?”  * If Yes, delete the task. * If No, do nothing.  1. Click on save. 2. Application validates entered data. |
| **Exceptions** | 1. If user entered wrong collaborator email, ask him to write it again or to check if its correct. 2. If email entered was not exiting our task management program, ask user to till the collaborator to create one. |

|  |  |
| --- | --- |
| **Use Case Name** | Set priority |
| **UC ID** | 8 |
| **Description** | Allow user to assign priorities to his task |
| **Trigger Event** | User click on “task priority” button. |
| **Precondition** | Tasks must be created |
| **Postcondition** | Priority has successfully assigned |
| **Happy Flow** | 1. If user want to add, edit, or delete priority:    1. User selects task or category.    2. User can add, edit, or delete priority for a task.    3. Choose the priority for this task (low-medium-high).    4. Click on save. 2. User can filter tasks by priority. 3. Add task dependency. |
| **Exceptions** | 1. If user gives more than one task the same priority, show error message “Sorry you can’t set same priority to more than one task, please edit priorities.”. |

|  |  |
| --- | --- |
| **Use Case Came** | **Categorize task** |
| **UC ID** | 9 |
| **Description** | Categorizing a task |
| **Trigger Event** | Click “Task Category”. |
| **Precondition** | The user has logged in to application. |
| **Postcondition** | The user view, create, edit, search category successfully |
| **Happy Flow** | 1. User views his category if exit any. 2. If he wants to create new:    1. Click on “create” button.    2. Select tasks that want to be categorized or create new task\s.    3. Add category name, description.    4. Add deadline if user wants to set deadline to this category.    5. Click on “task priority”, to adjust tasks priority if needed.    6. Click on “set collaboration” to add collaborators for the category if needed.    7. Click “assign collaborators” to add collaborators to one or more tasks if needed.    8. Click on “save” to save category settings.    9. Click on “create category.” 3. User can edit anything in category if he wants. 4. User can search on category. |
| **Exceptions** | 1. If user do not have the authority to view, edit, or delete task, show “Sorry you don’t have the authority to do this” |

|  |  |
| --- | --- |
| **Use Case Came** | **Share task** |
| **UC ID** | 10 |
| **Description** | The user views an existing task to share it |
| **Trigger Event** | Click “share” task button. |
| **Precondition** | There is an existing task/s. |
| **Postcondition** | The task is shared successfully |
| **Happy Flow** | 1. Select a task. 2. Select sharing format (link, csv, pdf). 3. Select sharing way (Bluetooth, WhatsApp, Email) 4. Click on “share” button, |
| **Exceptions** |  |

|  |  |
| --- | --- |
| **Use Case Came** | **Show calendar** |
| **UC ID** | 11 |
| **Description** | The user wants to view the tasks schedules. |
| **Trigger Event** | Click on “calendar” button. |
| **Precondition** | The user is already logged in. |
| **Postcondition** | The calendar is successfully viewed. |
| **Happy Flow** | 1. User clicks on “show calendar”. 2. The week task’s view will be shown by default. 3. If user want to show anther view: 4. If he wants to show day’s task, click on “day view”. 5. If he wants to show month’s task, click on “month view”. 6. If he wants to show year’s task, click on “year view”. |
| **Exceptions** |  |

|  |  |
| --- | --- |
| **Use Case Name** | Create report |
| **UC ID** | 12 |
| **Description** | Create report for tasks |
| **Trigger Event** | Click on “create report” button. |
| **Precondition** | Task must be assigned |
| **Postcondition** | Report is successfully made |
| **Happy Flow** | 1. Select task. 2. Choose the design of report (chart, table, comparison). 3. Select if he wants to export this report as a pdf or CSV). 4. Click “export report”. 5. If user wants to print it, click print. |
| **Exceptions** | 1. If report size bigger than print paper size, show warning message “Your design can not fit paper size this leads to print the design cropped you want to continue?”   -if Yes, print report.  -if No, back to design. |