**Use case Document: Daily Events Tracker Application**

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**1.Introduction**

The purpose of this document is to provide a comprehensive overview of use cases for a daily event tracking application.

This application is designed to facilitate efficient management of tasks which must be done daily, with specific functions to administrators and users.

**2.Actors**

* Users: Refers to individuals who interact with the application to search for events assigned to him and which must be completed.
* Admin: Refers to individuals who are authorized or have administrative privileges within the application. They have additional features such as adding tasks ,updating tasks ,deleting tasks.

**3.Usecase**

***3.1 Login/signup***

Actors: Admin/User

Description: The Admin and Users login to the Daily Event tracking application.

Main Flow:

* The Customer opens the Daily Event Tracking application
* The application displays a login screen.
* The Customer enters their username and password.
* The application verifies the Customer's credentials.
* If the credentials are valid, the application logs the Customer in and proceeds to the main menu.
* If the credentials are invalid, the application displays an error message.

Alternative Flow:

* If the Customer forgets their password:
* The Customer taps on the "Forgot Password" link on the login screen.
* The application prompts the Customer to enter their email address.
* The application sends a password reset link to the Customer's email address.
* The Customer follows the link and sets a new password.
* The Customer can now log in with the new password.

***3.2 Create Tasks***

Actors: Admin

Description: An Admin creates a new event and assigns it to a User.

Flow:

* Admin logs in to the system.
* Admin navigates to the "Create Task" page.
* Admin enters task details (description, due date, etc.).
* Admin selects an Users to assign the task to.
* Admin submits the task.
* System validates the input and creates the task.

***3.3 View Tasks***

Actors: Admin ,Users.

Description: Admin and Users can view the tasks assigned to them.

Flow:

* + Admin/Users logs in to the system.
  + Admin/Users navigates to the "View Tasks" page.
  + System retrieves and displays the list of tasks assigned to the respective user.

***3.4 Update Tasks***

Actors: Admin

Description: Admin updates the details of an existing task.

Flow:

* Admin logs in to the system.
* Admin navigates to the "View Tasks" page.
* Admin selects the task to be updated.
* Admin chooses the option to edit the task.
* Admin modifies the task details (description, due date, etc.).
* Admin saves the changes.
* System validates the input and updates the task details.

***3.5 Delete Tasks***

Actors: AdminF

Description: Admin deletes a task.

Flow:

* + Admin logs in to the system.
  + Admin navigates to the "View Events" page.
  + Admin selects the event to be deleted.
  + Admin confirms the deletion.
  + System removes the event from the database.

***3.6 Search Tasks***

Actors: Admin, User

Description: Users can search for specific tasks based on various criteria

Flow:

* User (Admin or Users) logs in to the system.
* User navigates to the "Search Events" page.
* User enters search criteria such as task title, description, Users name, due date, etc.
* User submits the search request.
* System retrieves and displays a list of events matching the search criteria.
* User can view the search results and select a specific event for further action

***3.7 Add Comments***

Actors: User

Description: An User adds a comment to a task.

Flow:

* + User logs in to the system.
  + User navigates to the "View Events" page.
  + User selects the task to add a comment.
  + User enters the comment text.
  + Users submits the comment.
  + System adds the comment to the Event.