Mashed Application Details and Schema and UI Design Specifications

# Primary Objective

The primary purpose of “Mashed” is to be able to deliver a platform where audience members can create events and perform general activities around the newly created event. Activities such as inviting other members, volunteering for selected events, adding items or expenses for selected event and visualization of added expenses are some of the key features that is supported with the application.

# General Overview

Audience members can create new events and associate required volunteering activities with said event. Audience members who create new events are also allocated the ability to assign other members as administrators. Administrators have the same privilege as the user who created the event initially. Required fields are marked with an asterisk and must be completed prior to creating any event. Audience members who are administrators can also update or deactivate an event. Audience members can request for help in volunteering activities, **but only during creation time**. Audience members can volunteer on an existing event without freely but must be a part of the event. To associate with an event, the audience member must RSVP to the selected event.

Every selected event can have additional expenses and inventories of its own. Updating certain fields within a selected event requires elevated privileges which can be provided by the creator of the event **or anyone who is an administrator for the selected event.** Audience members can visualize chart for all expenses for a selected event. All active users can communicate with each other on real time, provided they are active and on the same event as other users. Real time chat messages are not saved in client device or in the server. Chat messages are not persistent and it is up to the client to refrain from using profanity during such incident. Audience members are encouraged to report issues to the creator of the event in such condition. The resources team supports filtering of profanity in chat messages. Multiple violations of the same incident will result in a ban of usage. Audience members who wish to chat must have their profile details filled out for safety reasons.

All audience members have their own bio and ability to update a picture. Audience members can create inventories or jot notes down quickly. Inventories are categories within four major categories. “**All**”, “**Draft**”, “**Deals**”, “**Hidden**”. Audience members can move inventories around or quickly update a selected inventory. Selected inventory can be removed from the system or can be associated with a selected event. Once associated with a selected event, the inventory item **is on hold and cannot be updated**. Audience members can bulk upload inventories and it is recommended to utilize the provided template. Download the selected template and fill in the fields. **Adding more than required fields will not support uploading selected inventory and as a precaution all errors will immediately log the user off.** Audience members can keep a copy of their own home inventory and use it to tally against what other events require. Download inventory list with a simple button to have a copy of your personal inventories.

Audience members can also view recently volunteered events and get a brief overview of their activities against that selected event. Audience members who add items or expenses also get notifications in their profile tab related to the selected action. Audience members can also create rough notes and quickly jot information down if required. Editing a selected note is allowed.

# Application Schema

## Event

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required (From user) |
| 1 | Title | The title of the selected event | Y |
| 2 | Description | The description of the selected event | Y |
| 3 | Cause | Event goal or objective | Y |
| 4 | Image | Image of the event | N |
| 5 | Street | Street location of the selected event | Y |
| 6 | City | City location of the selected image | Y |
| 7 | State | US state of the selected event | Y |
| 8 | Zip | Zip code of the location of selected event | Y |
| 9 | Event Type | The nature of the event | Y |
| 10 | Max Attendees | The number of maximum people that can join the event | Y |
| 11 | Attendees | The group of users that are RSVP to the event | N (auto populated) |
| 12 | Man Hours | The estimated total effort required for the event | Y |
| 13 | Deactivated | The status of the event. Deactivated events are closed events where the event purpose is acquired | Y |
| 14 | Deactivated Reason | The reason for the event to be deactivated. | Y |
| 15 | Start Date | The date the event is to begin | Y |
| 16 | Created Date | The date the event was created | N (auto populated) |
| 17 | Created By | The user id of the audience that created event | N (auto populated) |
| 18 | Updated Date | The date the event was last updated | N (auto populated) |
| 19 | Updated By | The user id of the audience who updated the event latest | N (auto populated) |
| 20 | Shareable Groups | The groups of users who are administrator in the selected event. | N (auto populated) |

## Event Skills

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required (From user) |
| 1 | Event ID | The id of the selected event | N |
| 2 | Skill | The skill that is relative to the event | Y |
| 3 | Created Date | The date the event was created | N (auto populated) |
| 4 | Created By | The user id of the audience that created event | N (auto populated) |
| 5 | Updated Date | The date the event was last updated | N (auto populated) |
| 6 | Updated By | The user id of the audience who updated the event latest | N (auto populated) |

## Profile

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required (From user) |
| 1 | Username | The username of the selected audience | Y |
| 2 | Full Name | The full name of the selected audience | Y |
| 3 | Avatar URL | The image associated with the selected audience | N |
| 4 | Email Address | The email address of the selected audience | N (auto populated) |
| 5 | Phone Number | The phone number of the selected audience | N |
| 6 | Goal | The goal selected audience wants to achieve | N |
| 7 | About Me | Description of the selected audience | N |
| 8 | Created Date | The date the event was created | N (auto populated) |
| 9 | Created By | The user id of the audience that created event | N (auto populated) |
| 10 | Updated Date | The date the event was last updated | N (auto populated) |
| 11 | Updated By | The user id of the audience who updated the event latest | N (auto populated) |

## Report

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | Event ID | The event id of the event to report | N (auto populated) |
| 2 | Subject | The title of the incident | Y |
| 3 | Description | Detailed issue of the incident | N |
| 4 | Event location | The location of the selected event | N (auto populated) |
| 5 | Organizer Name | The creator ID for the selected event | N (auto populated) |
| 8 | Created Date | The date the report was created | N (auto populated) |
| 9 | Created By | The user id of the audience that created the report | N (auto populated) |
| 10 | Updated Date | The date the report was last updated | N (auto populated) |
| 11 | Updated By | The user id of the audience who updated the report latest | N (auto populated) |
| 12 | Shareable Groups | The group of users who the report is shared against. | N (auto populated) |

## Events Volunteering

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | User ID | The user id that created the volunteer | N (auto populated) |
| 2 | Event ID | The event id of the event that volunteering activities are set against | N (auto populated) |
| 3 | Event Skills ID | The project skills associated with the selected event | N (auto populated) |
| 4 | Volunteering Hours | The upper limit of number of hours to volunteer against the selected event. | Y |
| 8 | Created Date | The date the volunteering event was created | N (auto populated) |
| 9 | Created By | The user id of the audience that created the volunteering event | N (auto populated) |
| 10 | Updated Date | The date the volunteering event was last updated | N (auto populated) |
| 11 | Updated By | The user id of the audience who updated the volunteering event latest | N (auto populated) |
| 12 | Shareable Groups | The group of users who the volunteering event is shared against. | N (auto populated) |

## Events Cause

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | Cause | The list of options that are associated with the event objective selection during creating an event | N (auto populated) |

## Events Types

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | Event Types | The list of options that are associated with the type of event selection during creating an event | N (auto populated) |

## US States

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | States | The list of options that are associated with the states of US selection during creating an event | N (auto populated) |

## Storage Location

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | Storage Location | The list of options that is used to store an item associated with an event **OR** the list of options that is used to store personal inventories. The audience can add new storage locations if required | Y (auto populated) |

## Item

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | Item ID | The item id of the selected item | N (auto populated) |
| 2 | Event ID | The event id that is associated with this selected item | N (auto populated) |
| 3 | Storage Location ID | The storage location ID where the selected item resides | N (auto populated) |
| 4 | Item Detail | Brief overview of the selected item | Y |
| 5 | Quantity | The count of the selected item | Y |
| 8 | Unit Price | The unit price of the selected item. Defaults to 0.00 if empty | Y |
| 9 | Bought At | The location where the selected item was bought at | N |
| 10 | Item Description | Brief detail of the selected item | Y |
| 11 | Created Date | The date the item was created | N (auto populated) |
| 12 | Created By | The user id of the audience that created the item | N (auto populated) |
| 13 | Updated Date | The date the item was last updated | N (auto populated) |
| 14 | Updated By | The user id of the audience who updated the item latest | N (auto populated) |

## Volunteering Activities

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | Volunteering Activities | The list of options that are associated with the selected event that the creator requires help with. Unable to edit later | N (auto populated) |

## Notification

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | ID | The id of the selected notification | N (auto populated) |
| 2 | Event ID | The event id that is associated with this selected item | N (auto populated) |
| 3 | Title | Brief overview of the selected notification | N (auto populated) |
| 4 | Is Viewed | The status of the selected notification | N (auto populated) |
| 5 | Created Date | The date the notification was created | N (auto populated) |
| 6 | Created By | The user id of the audience that created the notification | N (auto populated) |
| 7 | Updated Date | The date the notification was last updated | N (auto populated) |
| 8 | Updated By | The user id of the audience who updated the notification latest | N (auto populated) |

## Category

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | ID | The id of the created category | N (auto populated) |
| 2 | Item Name | The list of options as category title | Y |
| 3 | Unit Price | The unit price of the selected item. Defaults to 0.00 if empty | Y |
| 4 | Created By | The user id of the audience that created the category | N (auto populated) |
| 5 | Created Date | The date the category was created | N (auto populated) |
| 6 | Updated Date | The date the category was last updated | N (auto populated) |
| 7 | Updated By | The user id of the audience who updated the category latest | N (auto populated) |
| 8 | Shareable Groups | The group of users who the category is shared against | N (auto populated) |

## Expenses

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | ID | The id of the created expense | N (auto populated) |
| 2 | Event ID | The event id that is associated with this selected expense | N (auto populated) |
| 3 | Item Name | The title of the selected expense | Y |
| 4 | Item Cost | The unit price of the selected expense. Defaults to 0.00 if empty | Y |
| 5 | Category ID | The category the expense was labeled under | N (auto populated) |
| 6 | Purchase Location | The location where the item was purchased | N |
| 7 | Notes | Additional information for the selected expense | N |
| 8 | Created Date | The date the expense was created | N (auto populated) |
| 9 | Created By | The user id of the audience that created the expense | N (auto populated) |
| 10 | Updated Date | The date the expense was last updated | N (auto populated) |
| 11 | Updated By | The user id of the audience who updated the expense latest | N (auto populated) |
| 12 | Shareable Groups | The group of users who the selected expense is shared against | N (auto populated) |

## Notes

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required |
| 1 | ID | The id of the created note | N (auto populated) |
| 2 | Title | Brief description of the selected note | Y |
| 3 | Description | Brief description of the selected note | Y |
| 4 | Status | The status of the selected note | Y |
| 5 | Created Date | The date the expense was created | N (auto populated) |
| 6 | Created By | The user id of the audience that created the note | N (auto populated) |
| 7 | Updated Date | The date the note was last updated | N (auto populated) |
| 8 | Updated By | The user id of the audience who updated the note latest | N (auto populated) |
| 9 | Shareable Groups | The group of users who the selected note is shared against | N (auto populated) |

## Inventory

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Field | Description | Required (From user) |
| 1 | ID | The id of the created inventory item | N (auto populated) |
| 2 | Name | Brief description of the selected inventory item | Y |
| 3 | Description | Brief description of the selected inventory item | Y |
| 4 | Unit Price | The unit price of the selected inventory item. Defaults to 0.00 if empty | N |
| 5 | Bar Code | The bar code of the selected inventory item | N |
| 6 | SKU | The sku code of the selected inventory item | N |
| 7 | Quantity | The count of the selected inventory item | Y |
| 8 | Purchase Location | The location where the inventory item was purchased | N |
| 9 | Is Transfer Allocated | The status of an inventory item if shared with an event | N (auto populated) |
| 10 | Associated Event ID | The ID of the event the inventory item is associated with | N (auto populated) |
| 11 | Storage Location ID | The ID of the storage location the inventory item is stored in | N (auto populated) |
| 12 | Is Returnable | The status that signals the item is returnable product | N |
| 13 | Return Location | The location where the inventory item must be returned | N |
| 14 | Max Weight | The maximum weight of the item in kg | N |
| 15 | Min Weight | The minimum weight of the item in kg | N |
| 16 | Max Height | The maximum height of the item in cm | N |
| 17 | Min Height | The minimum height of the item in cm | N |
| 18 | Created Date | The date the inventory item was created | N (auto populated) |
| 19 | Created By | The user id of the audience that created the inventory item | N (auto populated) |
| 20 | Updated Date | The date the inventory item was last updated | N (auto populated) |
| 21 | Updated By | The user id of the audience who updated the inventory item latest | N (auto populated) |
| 22 | Shareable Groups | The group of users who the selected inventory item is shared against | N (auto populated) |

# UX Color and Schematics

**Colors:**

* Main - #20639B
* Secondary - #F3F4F6
* Warning - #F6D55C
* Common White - #FAF9F6

**Design Choice**

* MUI Components

# Company Overview and Brand

* Business Name – **Mashed**
* Founded in 2024 under **Earmuffjam Inc.**
* Service – Platform to create new events and update associated assortments for selected events.