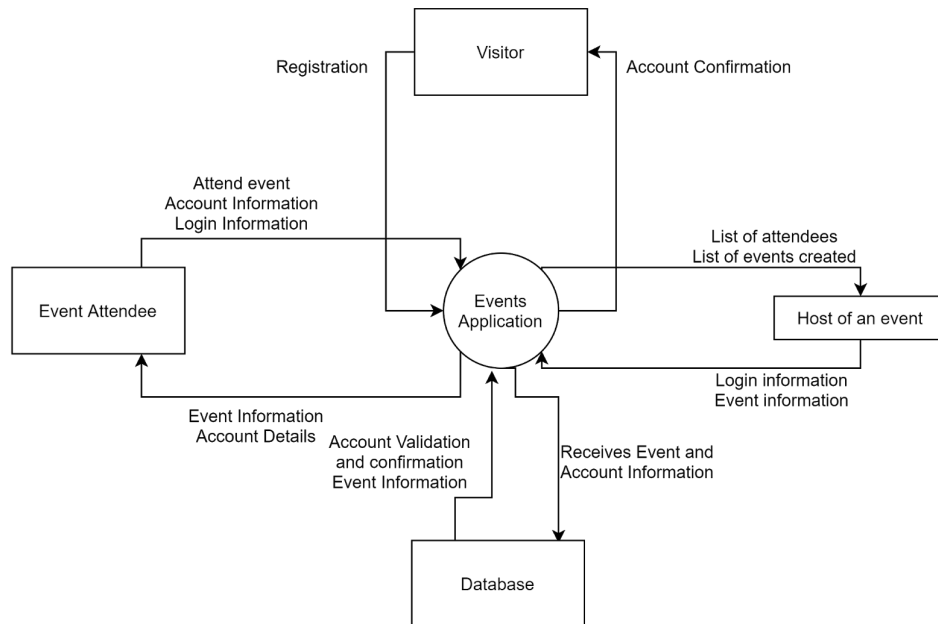


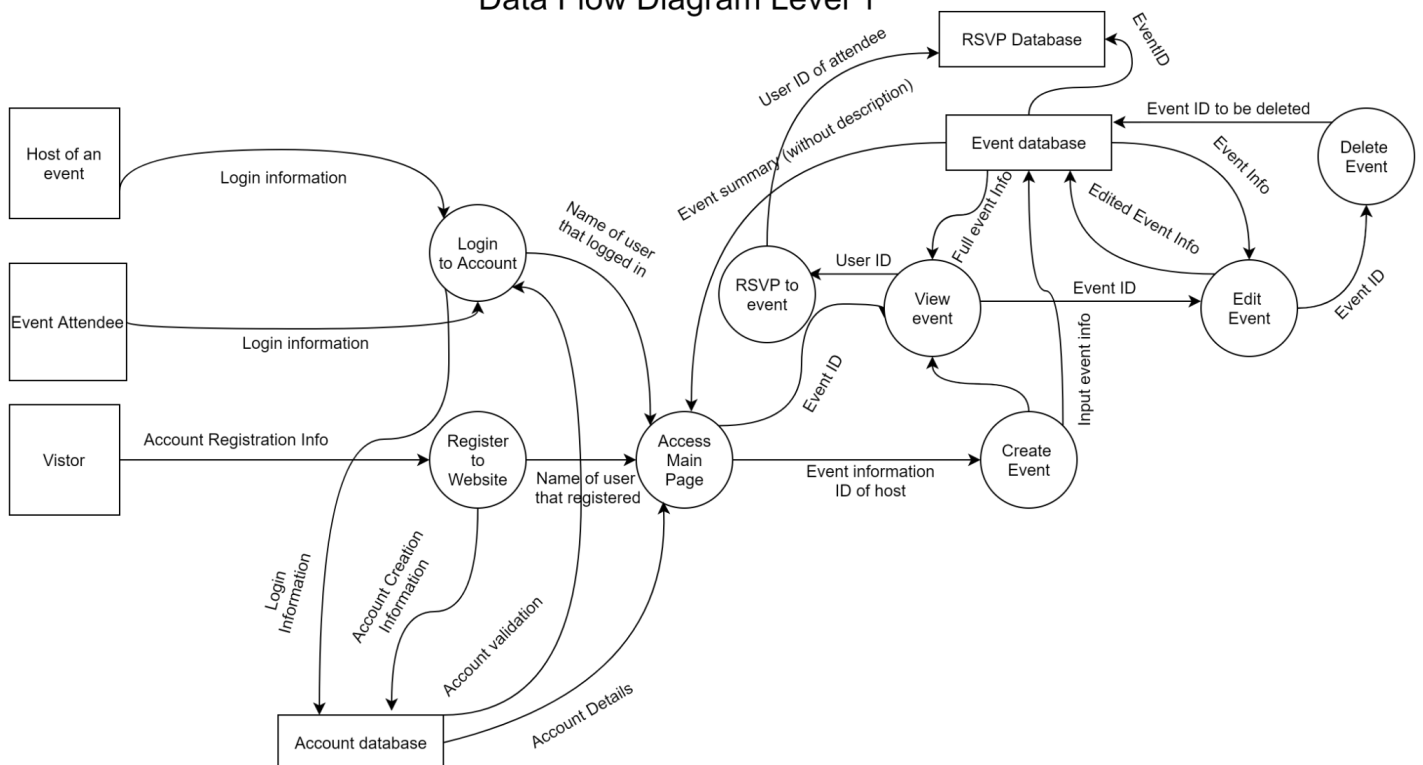
G17 | Event Planner | Documentation

DFD and Model Relationship Diagrams

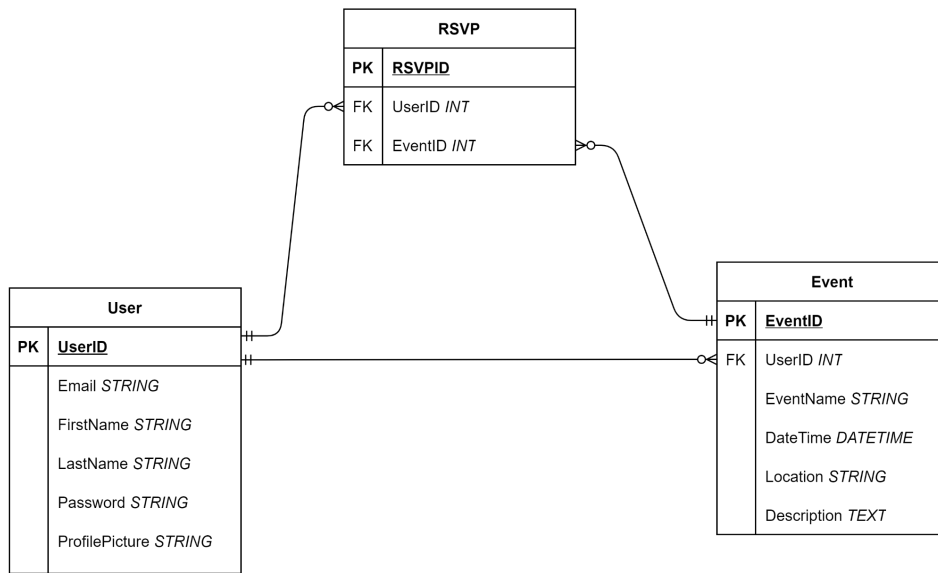
Data Flow Diagram Level 0 (Context Diagram)



Data Flow Diagram Level 1



Models and Relationships (ER) Diagram



List of all User Stories

As a user, I want to be able to create an event.

👁️ MT

As a user, I want to be able to have a profile

RH

As a user, I want to be able to view the events I'm attending and events I created

👁️ AG MT RH

As a user, I want to be able edit my profile

👁️ MT RH

As a user, I want to be able to delete an event I created

≡ GC

As a user, I want to be able to attach a picture to my profile

≡ RH

As a user, I want to have a homepage so that I can see a table of all the created events

👁️ MT RH

As a user, I want to be able to view detailed information about an event

≡ MH

As a user, I want to be able to create a profile

👁️ ≡ MT MI

As a user, I want to be able to edit an event I created

≡ BH

As a user, I want to be able to sign in to my account so I can see the events I created

👁️ ≡ MT MI

As a user, I want to be able to RSVP to an event

👁️ ≡ MT

As a user, I want to be able to cancel an RSVP I sent

👁️ MT

As a user, I want to be able to know whether I'm attending an event or not

👁️ MT

As a user, I want to be able to sign out

GC

Description of Current Features

Base Features:

1. List events - Lists all events on the Homepage.
2. View an event - Users' can view specific event details.
3. Create an event - User creates and hosts an event.
4. Edit an event - Users' can edit an event that only they created.
5. RSVP to an event - Users' can register for an event they want to attend.
6. Delete an event - Users' can delete an event that only they created.
7. Register a user - Users' register to the website through the register function and fill out user info.
8. User login - Users' input login and password information to access their accounts.

Extra Features:

1. Cancel RSVP - Users' can deregister from an event by clicking the cancel button.
2. View profile - Users' can view their profile with name, email, picture, hosted and attending event tables.
3. Edit profile - Users' can change their profile info as well as login and password info.
4. Upload picture to profile - Users' can change their profile picture on the edit profile page.
5. View events that users have created and RSVP'd to on their profile.
6. User sign-out - Users' sign out of their account.
7. Star next to events that the user has RSVP'd to or has created

Description of the acceptance criteria

----- Base Features -----

Feature: List events

As a user, I want to see a list of created events

Scenario: User is on homepage

Given that a user is on the homepage

And there have been events that have been created

Then the user should see a list of created events

Feature: View event

As a user, I want to be able to view the events I'm attending and events I created

Scenario: User is on homepage

Given that a user is on the homepage

And an event is listed

When the user clicks on the name of that event

Then the detailed event information is displayed on a separate page

Feature: Create event

As a user, I want to be able to create an event.

Scenario: User is on homepage

Given that a user is on the homepage

When a user clicks on the Create Event button

Then the user should be redirected to separate page to enter event information

When a user clicks on Submit

And there are no errors

Then the created event should be saved

And the user redirected to homepage to see new event in table

Feature: Edit event

As a user, I want to be able to edit an event

Scenario: Creator of event is on view event page

Given that a user is the creator of an event

And that user is on the view event page

When the user clicks on the Edit button

Then user can see the prefilled event fields

And be able to change those event fields

When the user clicks on Submit

And there are no errors

Then the edits to the event should be saved

And the user will be redirected to view event page with edits displayed

Feature: Delete event

As a user, I want to be able to delete an event

Scenario: User is the creator of an event

Given that a user is the creator of an event

And is on the edit event page

When the user clicks on Delete Event

Then the event should be deleted

And the user redirected to the homepage to notice the deleted event is gone

Feature: Register user

As a user, I want to be able to create a profile so that I can add and view events

Example: User is on create account page and account exists

Given that there is no account currently logged in

And a user is on the create account page

When user enters in account information

And clicks Submit

Then error message 'Email already exists' displays

Example: User is on create account page and account does not exist
Given that there is no account currently logged in
And a user is on the create account page
When user enters in account information
And clicks Submit
And there are no input errors
Then user is redirected to homepage with list of events

Feature: Login

As a user, I want to be able to sign in to my account

Scenario: User is on login page
Given there are no other accounts logged in
And a user is on the login page
When the user enters their username and password
And there are no errors
Then the user should be redirected to the homepage

----- Extra Features -----

Feature: Cancel RSVP

As a user, I want to be able to cancel an event I RSVP'd to

Scenario: User is on event page for event they are attending
Given that a user has already RSVP'd to an event
And the user is on the event page of that event
When the user clicks on the Cancel RSVP button
The RSVP should be deleted from the database
And the user is directed back to homepage

Feature: View profile

As a user, I want to be able to view a profile

Scenario: User is on homepage
Given that a user is on the homepage
And the user's name at the top is clicked
Or the name of an event creator in the event table is clicked
Then user is redirected to the profile of the user they clicked on

Feature: Edit profile

As a user, I want to be able to edit my profile

Scenario: User is on their own profile page
Given that a user is on their own profile page
When the user clicks on the Edit profile button
Then user can see the prefilled profile fields
And be able to change those profile fields

When the user clicks on Submit
And there are no errors
Then the edits to the profile should be saved
And the user will be redirected to view profile page with the new edits displayed

Feature: Upload a picture to a profile

As a user, I want to be able to attach a picture to my profile

Scenario: User is on the registration page
Given that a user is creating their account
When the user clicks on the Choose File button
Then the user sees file explorer window
And the user can select a picture
When the user clicks Open
And the picture is a png/jpg
Then the picture will be uploaded
When the user clicks submit
Then the picture will be saved to profile

Feature: View events that users have created and RSVP'd to on their profile

As a user, I want to see events that other users have created and RSVP'd to

Scenario: User is on a profile of other user who created events and RSVP'd to events
Given that a user is on the profile of another user
And that other user has created and RSVP'd to events
Then the user will see 2 tables
And the left table will contain events the viewed user created
And the right table will contain events the viewed user RSVP'd to and created

Feature: Sign out

As a user, I want to be able to sign out of my account

Scenario: User is signed in
Given that a user is signed in
And is on any page of the website
When the user clicks the Sign Out button
Then the user signed out of the account
And redirected to the login screen

Feature: Attending star

As a user, I want a star to appear next to events that I have RSVP'd to or have created

Scenario: User is on the homepage
Given that a user is on the homepage
When the user RSVP's to and creates events
Then the user should see a star next to the events they have created or RSVP'd to

User Guide

- Create an account
 - Enter your first and last name, email, and password to create your account
 - There is an option to upload an image for your profile picture from your computer's hard drive
 - After creating your account, you will be sent to the home page for viewing events
- Login to your account
 - Use your email address to login with your correct password
 - After logging into your account, you will be sent to the home page for viewing events
- Signing out of your account
 - Simply click the link "Sign out" on the top right corner of any page when logged in the website
 - This will take you back to the login page
- Home page
 - Here you can create an event by clicking the "Create an Event" button
 - Events are listed here in the homepage with their information like creator, date, time, and location
 - A star will appear next to events you're attending. This includes events you RSVP'd to and events you created.
- Create an Event
 - Use the date picker and time picker that lets you choose date/time of event
 - Events are required to have a name, date and time
- View your profile
 - Click your name at the top right of any page when logged in the website
 - When viewing your profile, all events you have RSVPed for will be displayed, as well as events you created
 - Click on edit profile to edit your profile
- Edit your profile
 - Here you can change any of your profile information including the profile picture
- View an Event
 - While on the home page, click the name of an event to view it
 - If you are the creator of the event, you have the option to edit or delete the event
 - If you are not the creator of the event, you have the option to RSVP to the event
- Edit an Event
 - Click an event to take you to a page where you can edit/delete an event
 - Only creators of an event can edit them
 - Editing an event will allow you to change all aspects of the event
 - After editing an event you will be sent to the event page of the event where you can see the changes you made

- Delete your Event
 - Only the creator of an event can delete an event
 - Click the name of the event from the home page, then click on delete event to delete the event
- View another user's profile
 - While in the homepage, you can click the name of other users to view their profile
 - You will then see their profile information, including the events they have created and are attending
- RSVP to an Event
 - While in the home page, click on the event that you did not create but wish to attend
 - Then click on the "RSVP" button to RSVP to that event
 - Click on the button again to un-RSVP to the event

Ethical Considerations

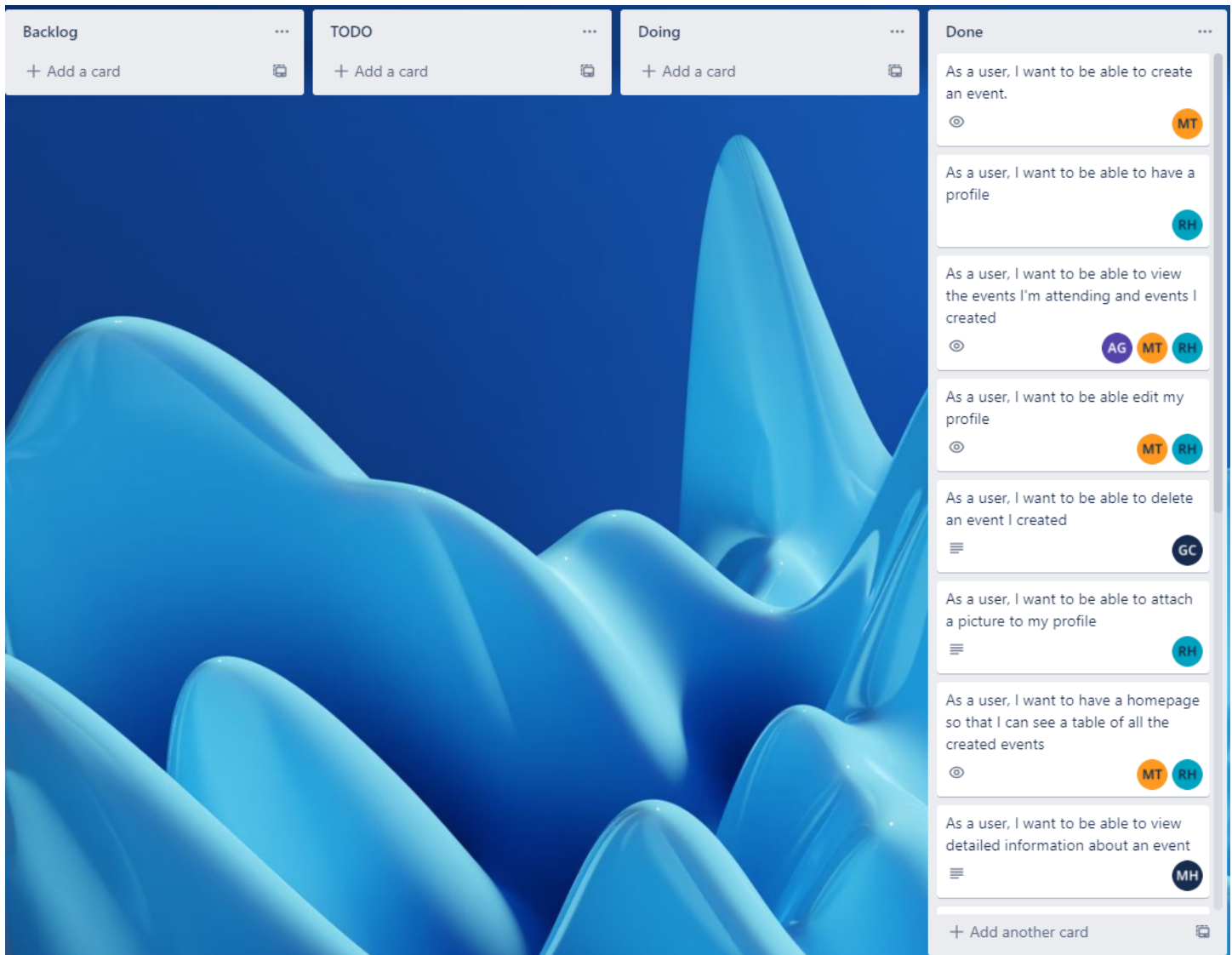
1. What are some ethical considerations of your product?

Some ethical considerations of the event app could be whether or not events are kept public or private. People may want to create events that they don't want the public to know about. Another could be how a user's data might be used or secured. In the current form that the app is in right now, everyone is able to see a list of people attending an event. Some users may not want to show up in that list for various reasons. The same principle applies when displaying the events that a specific user has signed up for - some users may not want others to see which events they've signed up for. Our event application is planning on allowing image uploads for use in both profile pictures and events. Images should be age appropriate. If a user decides to delete their event or profile, the data should be permanently deleted off of the database and not kept.

2. Address any features in your product that could be misused and how you plan to guard against misuse.

A feature that could be misused is a share feature (if we plan on implementing one). A user shouldn't be able to send out a large amount of invites to an event per day. To get around this, we could place a cap on how many invites a user could send out over a period of time. Another could be the like/dislike feature. Users could mass-dislike an event. If we decided to implement a like/dislike feature, we would probably add a limit to how many accounts could dislike an event at a time. As mentioned above, one ethical consideration is whether users want the events they attend/rsvp to show up on their profile. To get around this, we will probably implement a "private" event feature where private events will not show up on the event tables of the creator or those that RSVP.

Screenshot product backlog (Trello board)



Features not able to be implemented

1. Change theme of website
2. Automatically sort events by date they occur on