System Requirement Document (SRD)

Functional Requisites & Non - Functional Requisites

Red are optional or out of scope requirements

Requirement	FR description	Actors (Attendee/ Host)	Priority	Use Cases
FR1	"Users need an interface for their "Log in", "Sign up", and "Log out" action."	Both	5-Extremely Imp.	Log In Sign Up Log Out
FR 2.1	"User will be able to choose to host an event"	Host	4-Very imp.	Host event
FR 2.2	"User will be able to choose to attend an event"	Attendee	5-Extremely Imp.	Attend Event
FR3	"Host will have the access to post events"	Host	5-Extremely Imp.	Add Details
FR4	"Host will be added automatically to a group where he will be the admin and to which attendees will later join if accepted"	Host	2-Not Very Imp.	
FR5	"Attendees will have access to a list of events near them (determined by the zip code)"	Attendee	4-Very Import.	Access list of events
FR6	"Attendees will register for the chosen event"	Attendee	5-Extremely Imp.	Register into event
FR 7.1	"Host will receive the attendee registration information and will decline or accept the attendee"	Host	5-Extremely Imp.	Accept or decline attendee
FR 7.2	"If the host accepts an email with confirmation information will be sent to the attendee including the precise location"	Attendee	3-Imp.	Send acceptance email to a attendee
FR 8	"If the host declines, an email will be sent to the attendee"	Attendee	3-Imp.	Send rejection email to attendee
FR 9.1	"In case of cancellation of event a message will be sent to attendees or both attendees and the host"	Both	5-Extremely Imp.	Send cancelation email to attendee
FR 9.2	"In case of attendees did not participate the event"	Both	3-Imp	Reduce the credit score of the attendee

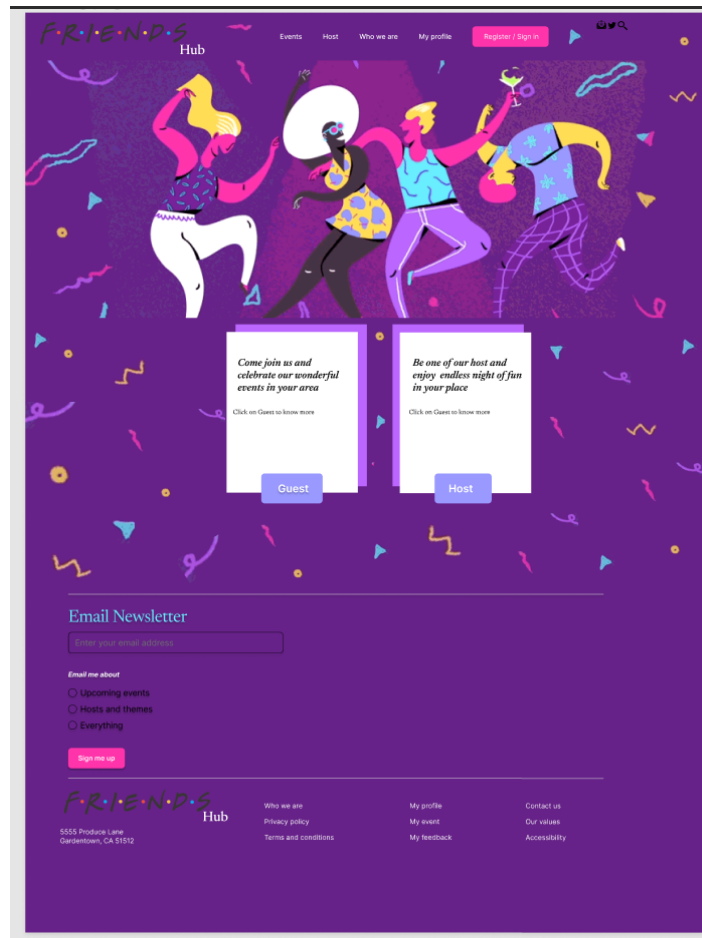| FR10	"After the event host will rate the attendees"	Host	4-Very-Imp.	Rate Atendee
FR11	"After the event attendees will rate the host"	Attendee	4-Very Imp.	Rate Host
FR12	"In the confirmation email a link to join a group chat will be supplied for attendees"	Attendee	2-Not Very Imp.	Send group chat invite link
FR13	"Attendees will be able to access a link to google maps to see the zip code of the event"	Attendee	4- Very Imp	Check Location of Event

Requirement	NFR description	Actors (Attendee/ Host)	Priority
NFR 1	"All passwords will be hashed and stored in our database to maintain confidentiality and privacy"	Both	5-Extremely Imp.
NFR 2	"The web pages response time should be controlled under 1 second"	Both	4 - Very Imp.
NFR 3	"All features on website should be user friendly"	Both	5 - Extremely Imp.
NFR 4	"Provide meaningful error messages and handle errors"	Both	4 - Very Imp.
NFR 5	"Give the specific access for different types of accounts"	Both	5 - Very Imp.
NFR 6	"The website should be responsive and adapt to various screen sizes"	Both	4 - Very Imp.

Precise Requirements specification and additional details:

FR1: "Users need an interface for their "Log in", "Sign up", and "Log out" action."
Additional detail :
- User enters information in need during the Sign up step in order to create a profile in the system.
- User uses his account information (account and password) to log in.
- User needs to verify this account by responding to an email with a verification link.
- Personal information should be stored in the database.

F·R·I·E·N·D·S
Hub

Events   Host   Who we are   My profile   Register / Sign in

Come join us and
celebrate our wonderful
events in your area

Click on Guest to know more

Guest

Be one of our host and
enjoy endless night of fun
in your place

Click on Guest to know more

Host

Email Newsletter

Enter your email address

Email me about
○ Upcoming events
○ Hosts and themes
○ Everything

Sign me up

F·R·I·E·N·D·S
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5555 Produce Lane
Gardentown, CA 51512

Who we are   My profile   Contact us
Privacy policy   My event   Our values
Terms and conditions My feedback   Accessibility

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Create an account

First Name:

Last Name:

Username:

Email:

Password:

University:

University ID:

Age:

Phone number

Interest:

Sign Up

Log in

Username:

Password:

Log in

OR

FR2.1: "User will be able to choose to host an event"
Additional detail:
- When the first time a user logs into the web application, they can choose "Host" as the role of the current account.
- If the user is eligible to be a Host, the user needs to read and sign a responsibility agreement.
- Web application will display the User Interface for the "Host" account.
- Host does not have access to attend the events.

FR2.2: "User will be able to choose to attend an event"
Additional detail:
- When the first time a user logs into the web application, they can choose "Attendee" as the role of the current account.
- The user needs to read and sign a responsibility agreement.
- Web application will display the User Interface for "Attendee" account
- User does not have access to host the events

FR3: "Host will have the access to post events"
Additional detail:
- When creating an event, hosts have to provide necessary information about the event.
- Host could set several conditions to filter who is eligible for this event.
- After the event creation, the host can set registration deadline, starting date, minimum and maximum attendees for the event and post it to the website.

FR4: "Host will be added automatically to a group where he will be the admin and to which attendees will later join if accepted"
Additional detail:
- The group chat for the event will be automatically created after the post of the event.
- Host can share more details about the event through this group chat.
- The group will not be automatically disbanded after the event.

FR5: "Attendees will have access to a list of events near them (determined by the zip code)"
Additional detail:
- Website will get the user's zip code from the database.
- Following the zip code to find all events which are located in this area.
- Show the list of available events to the attendee.

FR6: "Attendees will register for the chosen event"
Additional detail:
- Attendees can click the "register" button to start the event registration process.
- The system will automatically fill part of the application based on the user's profile.
- The registration request will be sent to the host.
- The state of the registration request will be "pending"(under reviewing).

FR7.1: "Host will receive the attendee registration information and will decline or accept the attendee"
Additional detail:
- Host will get the registration request from the attendee.
- Host will receive an email every morning showing how many applications.
- Host needs to decline or accept the attendee's request.
- The state of the registration request will be changed to "accept" or "decline".

FR7.2: "If the host accepts an email with confirmation information will be sent to the attendee including the precise location"
Additional detail:
- Attendees will get a confirmation email from the email system after the host accepts the request.
- The first email will just confirm the application is successful.
- The second email contains the event's details (location, starting time. etc…) will be sent 2 days before the event starts in order to prevent some security problems.

FR8: "If the host declines an email will be sent to the attendee"
Additional detail:
- Attendees will get a declined email from the email system after the host declines the request.

FR9.1: "In case of cancelation of event a message will be sent to attendees or both attendees and the host"
Additional detail:
- An event will be canceled by system if the number of the attendees is less than the minimum people needed to start the event, or will be canceled by the host.
- A reminding email will be sent from the email system.
- The start of the registration request will be changed to "Canceled".
- If the cancellation is made after the deadline of registration, the "cancellation rate" in the Host's will recalculated(Number of cancellations/ Number of total events)

FR9.2: "In case of attendees did not participate the event"
Additional detail:
- If the attendee can not give a formal reason for this absence, the attendee's credit score will decrease.

FR10: "After the event host will rate the attendees"
Additional detail:
- Host can rate every attendee for the events.
- Attendee's result will be shown to the host when they check the registration request .

- A good rating will help attendees pass the request reviewing process in the future easily.

FR11: "After the event attendees will rate the host"
Additional detail:
- attendees can rate the event's host at the end of the event.

FR12: "In the confirmation email a link to join a group chat will be supplied for attendees"
Additional detail:
- Whenever the host accepts the registration request, attendees will get a link for the event's group chat through their email.
- click the link to join the group and communicate with other attendees and the host.

FR13: "Attendees will be able to access a link to google maps to see the zip code of the event"
Additional detail:
- Attendees can check the location of the event through the link.
- Google Maps automatically shows the exact location of the event for the user.

Use Case Diagram: