

Description of Business Idea:

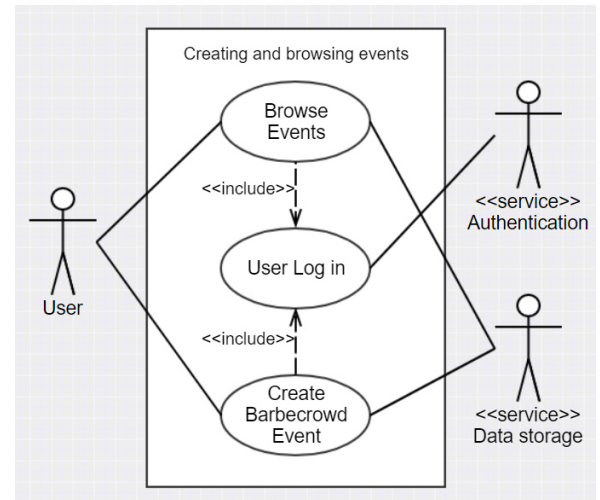
Barbecrowd is an event planning and crowdsourcing platform to help barbecue enthusiasts plan a barbecue by providing a single place of information and distributing the organization of essential items between invited guests.



Use Case Description

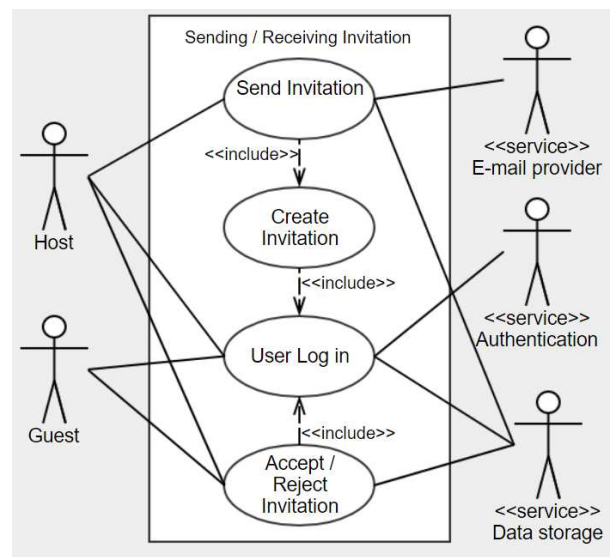
Creating an Event

- Two roles for every event: HOSTS and GUESTS.
- Logged in user creates a new Barbecrowd event.
- Creator is assigned HOST role.
- Initial data: Name, Location, Date, Time.
- Event is added to an overview of upcoming events.
- Additional overview for past events.



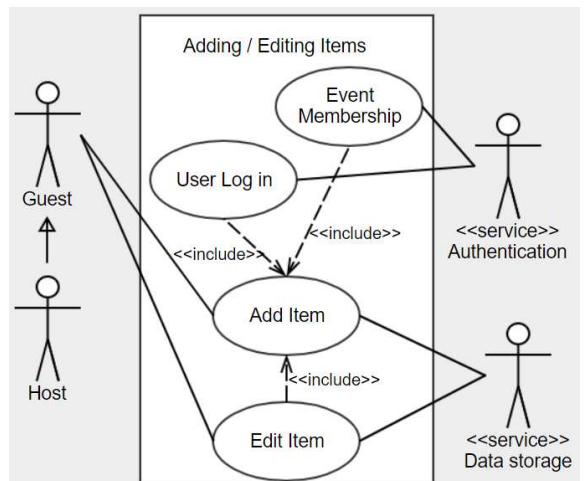
Sending and Receiving Invitations

- Logged in Hosts are able to create and send invitations.
- Users can be invited as HOST or GUEST.
- Receivers are specified using e-mail or Barbecrowd account.
- Received invitations can be viewed by logged in users.
- Invited guests accept or reject the invitation.



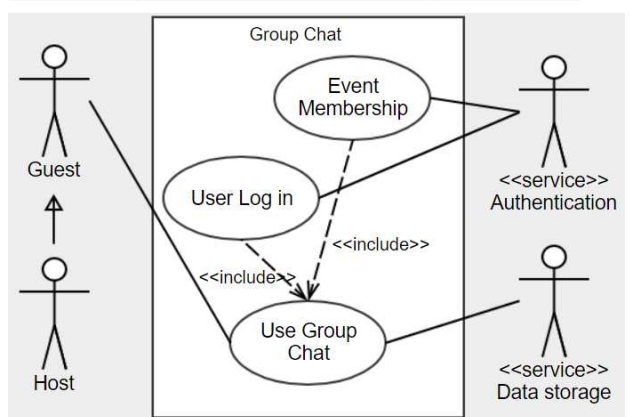
Adding/Editing Items

- Required items are listed for each event.
- Name, Cost (opt.), Category, Assigned guest (opt.), Count.
- Logged in guests of an event can view and add items to declare which items are needed.
- Logged in guests of an event can declare which items they intend to bring by editing Count, Cost and Assigned fields of an item.
- Item list is sortable and searchable.
- Unassigned Items are highlighted.

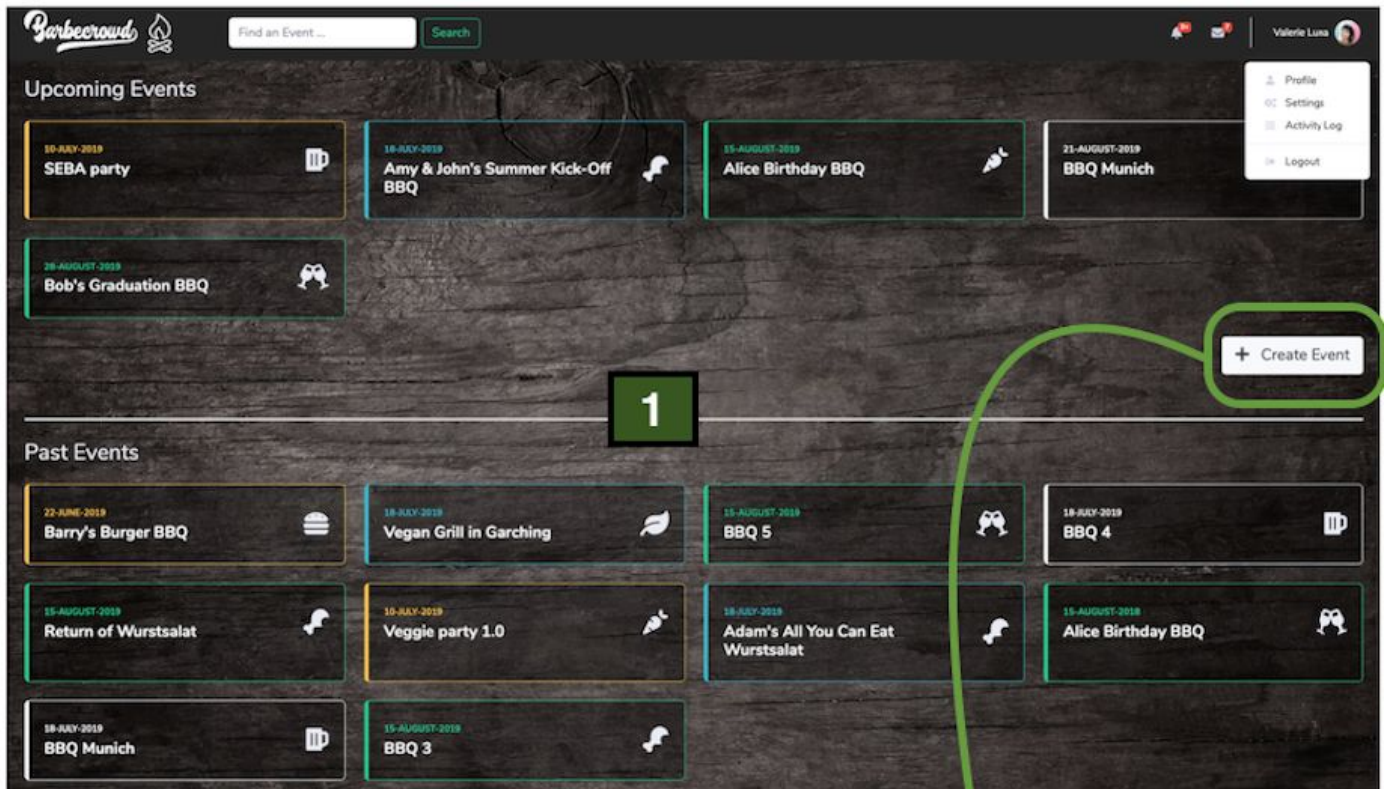


Group Chat

- Logged in guests of an event can use a group chat to communicate.
- Chat displays all previous messages with their timestamps and senders.
- Senders are distinguished by their account name and profile picture.



1. Creating an Event



The user can create a barbecue event and specify the event metadata like event name, location and time.

1 shows the event list and **2** shows the popup which is opened once the user clicks on the „Create Event“-button.

The 'Create an Event' popup form is shown, with a green box labeled '2' highlighting it. The form contains the following fields and options:

- Event Name:** A text input field with the placeholder 'Enter Event Name...'.
- Event Description:** A text area with the placeholder 'Enter Event Description...'.
- Event Color:** A dropdown menu currently set to 'White'.
- Event Category:** A dropdown menu currently set to 'Standard'.
- Date:** A text input field with the placeholder 'MM/DD/YYYY'.
- Time:** A text input field with the placeholder '4:00 PM'.
- Create Event:** A blue button to submit the form.
- Cancel:** A red button to close the form.

2. Sending/Receiving an Invitation

1 Event Overview: Shows details for "Amy & John's Summer Kick-Off BBQ". The "Invite Guests" button is highlighted.

2 Invite Guests Modal: A form to enter an email address and role. The "Send Invite" button is highlighted.

3 Notification: A push notification for Valerie Luna showing 3+ notifications and 7 unread messages.

4 Invitation Card: A card titled "Invitation from BBQ Garching" with a "View Invitation" link.

5 Accept/Decline Modal: A modal asking the user to accept or decline the invitation.

The host user can send invites to other people who are registered with Barbecrowd to attend the BBQ party. **1** shows the event overview, **2** the send invite pop up which is opened once the user clicks on the „invite guests“-button, **3** and **4** the notification for an invite and **5** the popup which allows to accept/decline the invite.

3. Adding/ Editing Items

The screenshot displays the Barbecuecrowd app interface. At the top, there's a header with the logo and user profile. Below it, a 'Guest List' and 'Pending Invitations' section is visible. The main area is titled 'Event Data' and contains an 'Item Overview' table. A green arrow points from the 'Add Item' button in the top right of the table to the 'Add Item' pop-up (labeled 2). Another green arrow points from the 'Edit Item' button in the table to the 'Edit Item' pop-up (labeled 3).

Item Overview Table:

Item Name	Cost (€)	Category	People Assigned	Count
Beer	12.99	Drinks	Peter	20
Beer	13.99	Drinks	Shivangi	20
Coal	N/A	Utility	! Unassigned !	1
Juice	9.95	Drinks	Shivangi	6
Pommes	4.99	Starters	Mehdi	6
Steak	12	Food	Leo	4

Add Item Pop-up (2):

- Item Name: Enter Item Name...
- Item Cost: Enter Item Cost...
- Item Category:
 - ✓ Drinks
 - Main Course
 - Starters
 - Desert
 - Utility
- Item Count: Enter Item Count...
- People Assigned (Optional): Leo
- Buttons: Add Item

Edit Item Pop-up (3):

- Item Name: Coal
- Item Cost: Enter Item Cost...
- Item Category: Utility
- Item Count: Enter Item Count...
- People Assigned: Leo
- Buttons: Edit Item, Delete Item

The user can add and edit items. **1** shows the item overview. **2** shows the add item pop up which is displayed once the user clicks on the „add item“-button. It allows the user to add the item and also to assign it to a participant. **3** shows the edit item pop up which is shown once the user clicks the „edit“-button of an item.

4. Group Chat

Barbeecrowd

Valerie Luna

Coal	N/A	Utility	1 Unassigned 1	1	Edit
Juice	9.95	Drinks	Shivangi	6	Edit
Pommes	4.99	Starters	Mehdi	6	Edit
Steak	12	Food	Leo	4	Edit

Showing 1 to 6 of 6 entries

Previous1Next

Group Chat

1

John Sparrow

19 mins ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur bibendum ornare dolor, quis ullamcorper ligula sodales.

Amy Sparrow

18 mins ago

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John Sparrow

12 mins ago

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John Sparrow

12 mins ago

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Amy Sparrow

5 mins ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur bibendum ornare dolor, quis ullamcorper ligula sodales.

Amy Sparrow

2 mins ago

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Type your message here ...

Send

2

John Sparrow

19 mins ago

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Amy Sparrow

18 mins ago

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John Sparrow

12 mins ago

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John Sparrow

12 mins ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur bibendum ornare dolor, quis ullamcorper ligula sodales.

Amy Sparrow

5 mins ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur bibendum ornare dolor, quis ullamcorper ligula sodales.

Amy Sparrow

2 mins ago

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Type your message here ...

Send

1 and 2 show the group chat. It's placed underneath the items section.

Conceptual Data Model UML Diagram

