

CodeSnap - Group 7

EVENTIQUE

An AI-Enhanced Event Planning Web Application

Team Members

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Product Vision

For anyone **who** is planning an event like a birthday party, wedding, or conference, **the** application Eventique is a web app **that** works on a browser on any device. It uses artificial intelligence to supercharge your event planning in minutes with a recommender, scheduler, organizer, and notification system. **Unlike** other event management companies (such as Cvent, EventPro, and Bizzabo) which don't have recommendation systems, are pricey and take a lot of time, **our** product provides a platform to design your event quickly in a way you would like within a few minutes.

Github Repository

<https://github.com/regostar/eventique>

SPRINT SUMMARY

	Title	Assignees	Status
1	Task: UI Design - Mockup of project #19 #2	regostar and Usha...	Done
2	User Authentication and Admin - (Tech. Support) Dashboard #5	regostar and ruthvi...	In review
3	Spike - Research and decide the right LLM to use in Eventique #1	Govind-Asawa and ...	In progress
4	Event Recommendations using AI and Creation of Tasks #4	Govind-Asawa and ...	In progress
5	Spike - Identify the right Calendar app and perform a POC #3	Govind-Asawa and ...	In progress
6	Task : Dashboard #19 #25	SparshaPrakash an...	In progress
7	User dashboard #19	Sony8179, Sparsha...	In progress

Active User Stories and Tasks

Spike - Research and decide the right LLM to use in Eventique #1

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regostar opened this issue last month

edited by regostar · Edits · · ·

To evaluate different Large Language Models for potential integration into Eventique. The evaluation criteria will prioritize cost (specifically the availability of free API credits), ease of usability (including the complexity of API integration)

Parameters which we consider in the order specified -

- Cost - Free credits for API access
- Ease of Usability - API integration complexity

(We do not consider speed at this stage in the development.)

Various LLM's to explore :-

- LLAMA,
- ChatGPT and it's multiple engines
- Nvidea - LLMs
- any other in the market

Expected Outcome:-

A comparison report outlining the advantages and limitations of each considered LLM.
A recommendation for the most suitable LLM for Eventique, balancing cost, usability, and speed, to facilitate informed decision-making for the integration process.

Assignees

Govind-Asawa

regostar

Labels

Spike

Projects

Eventique

Status In review

Priority High

Size M

Estimate 5

Iteration

Iteration (Sprint) 1 • Feb 25 - Mar 22 • Current

Milestones

Sprint 1

Status => In Review

Proceeding with Azure AI studio which has access to all these models which can be integrated with ease. Provided with 1000\$ credit helps.

User Authentication and Admin - (Tech. Support) Dashboard #5

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As a user, I want to be able to sign up and log in, **so that** I will be able to access the tool.

The user enters their username, email, First Name, last name, phone(optional), and password. There must be a verification email sent to the user.

As an admin, I want to log in and be able to manage the entire user and have admin access to the data stored. The admin is a technical support specialist who will assist users when they face issues.

Suggestions -
Use Django which also allows admin access.

Estimate:-
Story points = 3

Definition of Done:-

- Frontend and backend developed which enables users to log in and sign up.
- Admin is able to log in and see the admin dashboard with access to all the event data of different users.

Assignees

regostar

ruthvick-rr

Labels

user story

Projects

Eventique

Status

In review

Priority

Medium

Size

S

Estimate 3

Iteration

Iteration (Sprint) 1 • Feb 25 - Mar 22 • Current

Authentication system using django rest framework is enabled by adding django-cors-headers is ready to be integrated. This is ready, currently being reviewed by peers.

Event Recommendations using AI and Creation of Tasks #4

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Govind-Asawa opened this issue last month

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As a user, I want an AI chatbot that plans an event for me as a list of actionable items when I provide it with a description of the event so that I have less overhead of planning & can rather focus on getting things done.

Acceptance Criteria:-

1. When a user gives a description, the chatbot should generate well-defined tasks.
2. Every task must have a purpose(title), action items (description), and a date to perform the task.
3. The extension of this task is to allow users to edit by chatting with the chatbot application.

This would be a core feature of the application, where we train the LLM to ask certain questions to the user. LLM can also be trained on event data.

Estimation Efforts
Large: 3 weeks or more

Story Points:-
21

Terminologies Used:-
Event - is the actual event that the user is planning. This could be a birthday party or wedding for example.
Task - Every event has multiple tasks. This could be like dinner service or a keynote speaker session for example.

Assignees

Govind-Asawa

regostar

Labels

user story

Projects

Eventique

Status

In progress

Priority

High

Size

XL

Estimate 21

Iteration

Iteration (Sprint) 1 • Feb 25 - Mar 22 • Current

Milestones

Sprint 1


This project's most important task is estimated to be 21 story points which will spill over to the next sprint. Attempts to integrate simple APIs from Azure AI Studio have been made. This will require one more sprint to complete. (Rolled over to the next sprint)

Spike - Identify the right Calendar app and perform a POC #3

Edit 📄 🔖 ⋮

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 regostar opened this issue last month edited by Govind-Asawa · Edits · ⋮

As a **user**, I want to **visualize** the created schedules for my event. This is created **so that** the user can easily manage, update and view their created schedules. This task is not to integrate but to choose the best calendar app suited for our business purpose.

Perform research on which calendar app to use, whether we design our own or display or use an existing calendar application.

Calendar apps to look out for -

- Google
- Outlook
- Third party
- custom


Parameters :-

- Ease of integration and usability
- Cost
- Allow handling basic calendar events such as, clicking on a task, rendering tasks etc

Estimation of Effort
(Need to evaluate multiple calendars and their compatibility this may take a day's effort but creating a POC might take time)
Medium

Definition of Done:-
A decision whether the calendar app is going to be built ground up or we use an existing calendar to integrate.


Assignees

 Govind-Asawa
 regostar

Labels

Spike

Projects

 Eventique

Status **In progress** ▾

Priority **High**

Size **M**

Estimate 5

Iteration Iteration (Sprint) 1 • Feb 25 - Mar 22 • **Current**

Milestones

☐ Sprint 1

Completed exploring right calendar library that can be used to provide the required functionality for ease of user's interaction with the tasks created as a part of event(s). Found a calendar library named FullCalendar that provides all the features needed. As this is a spike didn't add the poc to the project but rather created another github repo and added a link to it in the issue's comments.

User dashboard #19

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Govind-Asawa opened this issue last month

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As a user I want a dashboard that shows all, in-progress and upcoming events so that I can quickly navigate to appropriate event tasks to review/change as needed.

Acceptance criteria

1. There should be a clear separation between the all, in-progress and upcoming events. maybe by using separate tabs
2. Every individual event should be clickable and should take the user to event view page

Estimation of efforts

13



Rolled over to next sprint. The above task has 2 main features which are displaying all events with calendar, and redirecting to the chatbot page. The current progress is that these frontend files are ready except the design aspect. There seems to be more work in the UI design aspect which was not accounted for.

Task : Dashboard #19 #25

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regostar opened this issue 2 weeks ago

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calendar + events

[#19](#)

The landing page consists of a Calendar with different events.
Refer parent user story for acceptance criteria.

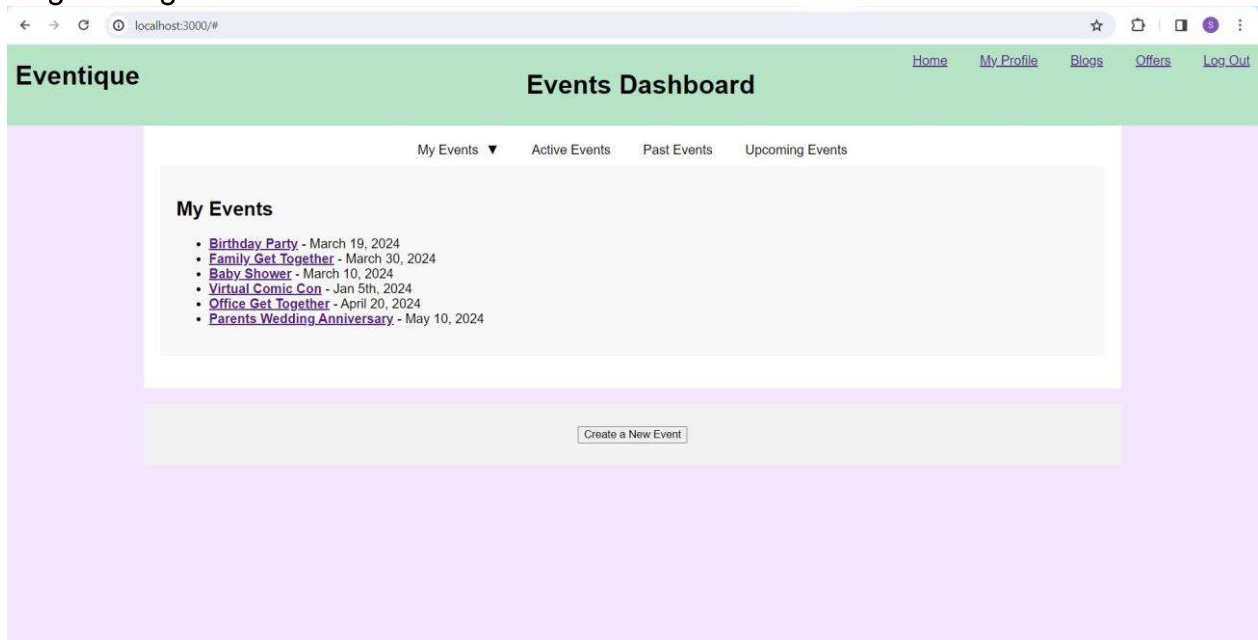


User-Dashboard **Rolled over to next sprint.**

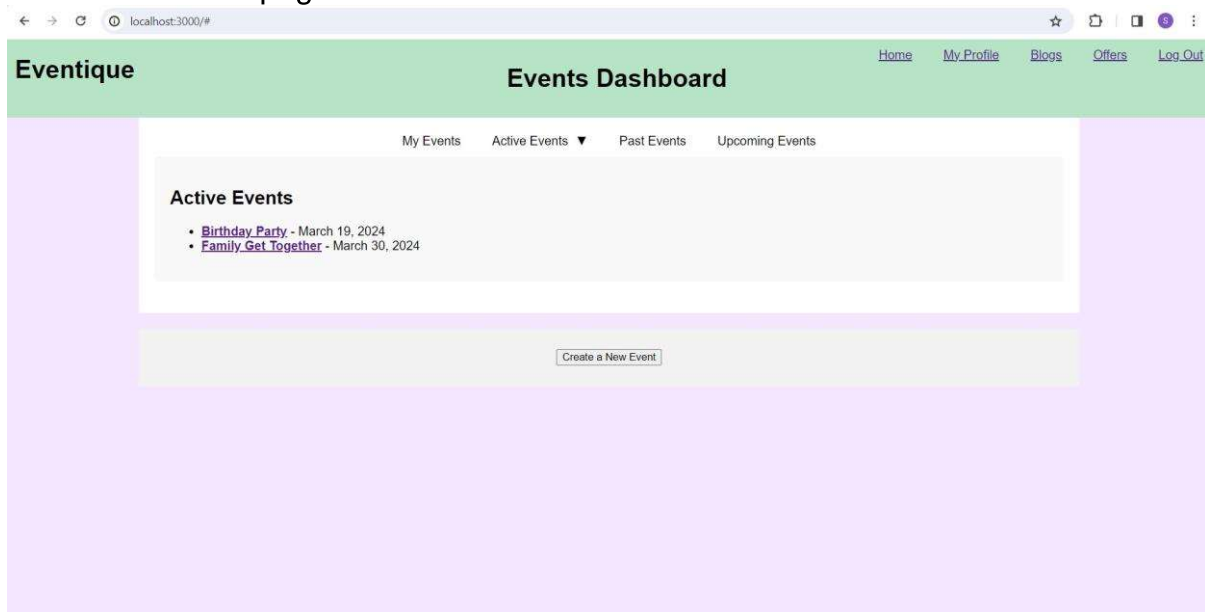
The event management system offers a comprehensive platform for users to organize and track their events seamlessly. Users can view all related events, including ongoing ones, with detailed event data and to-do lists. They have the flexibility to edit event details or create new events, either selecting from predefined options or inputting custom event types. Upon creating an event, users can initiate planning through a chat interface, facilitating efficient event coordination and task management.

Demo Screenshots

Page listing all the events related to the user.



The on-going events list- each event can be clicked on, and the user will be redirected to the event view page.



This is the event view page redirected to when we click on "Birthday Party" under Active Events. It includes event data, and the To-Do list for now. We also have an option to go back to the dashboard and an option to edit the event details.



The user is redirected to the page when he/she clicks on the "Edit Event" option seen in screenshot 3. On this page the user can update the event type, the venue of the event, the date and timing of the event, etc. They can also delete the event entirely.

This is the page the user is redirected to when he/she clicks on the "Create a New Event" option present on the dashboard as in screenshot 1.

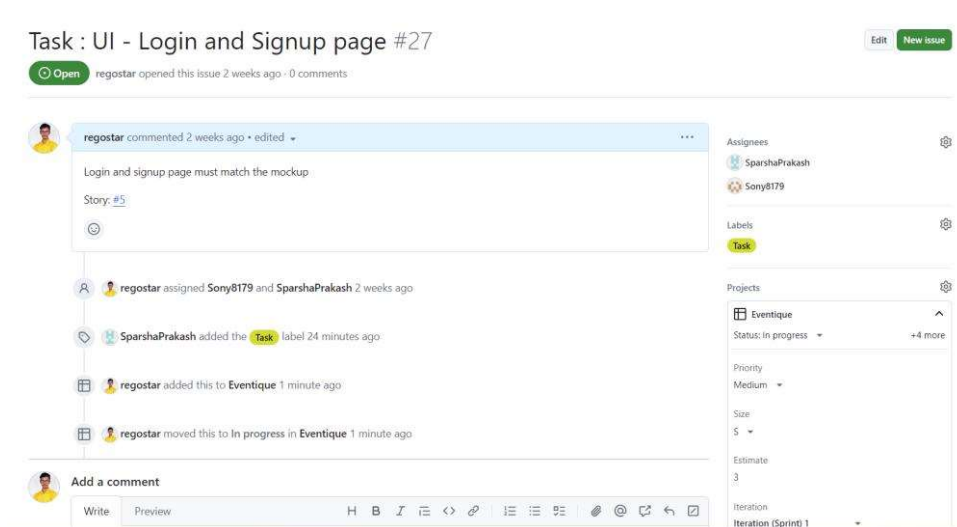
The user can select the event of his/her requirement from the pre-defined options and if none of the available options matches their requirement, they could click on the "others" option, where they get to type in the event of their choice. They can also provide a one-line description of the same. Once confirmed with the inputs, the user can click on "Create Event".

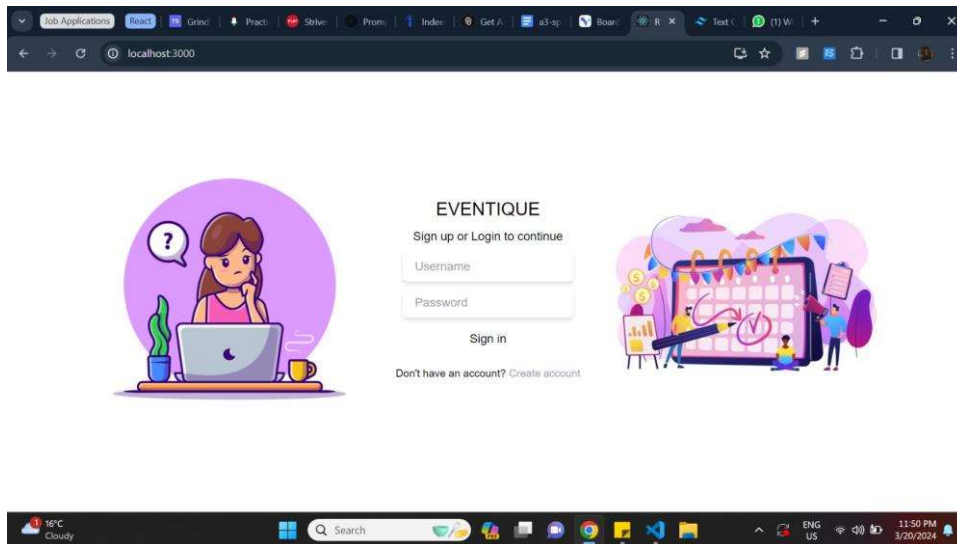


Once the user clicks on "Create Event", he/she is redirected to this chat page, where they can interact with the chatbot to start off with the event planning. Once the user confirms that the plan can be approved, the system creates a new event under this name, with the description and the To-Do list.



Individual tasks – frontend – are in progress with an alpha version released.





Summary of Scrum Meetings

- Our scrum meetings are scheduled for 7 mins at 10:05pm recurring every Monday, Wednesday, and Saturday.

[Zoom Meeting link](#)

- Following was our progress through the scrum meetings:
 - 6th March, Monday @ 10AM (Zoom) – Adhoc Meeting – Absent: None
 - Discussed availability of each person and decided on meeting times.
 - Rough overview of what everyone will be working on.
 - Conveyed time needed to learn new technologies to accomplish possible task at hand.
 - 11th March, Monday @ 10:05PM (Zoom) – Absent: None
 - None had blocker issues.
 - Since we had time, discussed the expected way of working with the git repo i.e., creating branches, raising pull requests etc.
 - Overview of how to clone the repo, work locally, merge changes etc.
 - 12th March, Tuesday @ 10:05PM (Zoom) – Adhoc Meeting – Absent: None
 - Raised request for free credits with 2-3 vendors for access to LLM ([Issue-1](#))
 - Found a 3rd party calendar library that could be used for rendering tasks. ([Issue-3](#))
 - Started working on user dashboard, discussed the initial thought of UI. ([Issues-19](#))
 - <Signup>

- 13th March, Wednesday @ 10:05PM (Zoom) – Absent: None
 - Started working on POC for the FullCalendar library found.
 - <Signup backend blocker>
 - Started implementing basic UI structure of the user dashboard. No blockers were identified.
- 18th March, Monday @ 10:05PM (Zoom) – Absent: None
 - Some issues when trying to implement the Login front-end page. Later connected with another teammate to resolve the issue.
 - Almost completed implementing the POC. All the requirements mentioned in the Definition of Done were either tested or seemed possible via documentation.

Summary of Scrum Review Meeting

Next week the same timings are maintained 10:05 pm on Mondays, Wed and Fri/Sat.