

CodeSnap - Group 7

EVENTIQUE

An AI-Enhanced Event Planning Web Application

Team Members

Renugopal Sivaprakasam (11699653), Sparsha Dandganhalli Prakash (11684265),
Soniya Kodipunjula (11708235), Govind Asawa (11641270), Usha Chandrashekar
(11722182), Ruthvick Ravula (11653170)

Table of Contents

Table of Contents.....	2
Cover Page	3
Active User Stories and Tasks.....	4
Independent Spikes and Tasks	10
Summary of Scrum Meetings	13
Summary of Scrum Review Meeting.....	14
Software Architecture – Layered Architecture.....	16
Cloud Infrastructure.....	17
High-Level Design (HLD)	17
CI/CD Pipeline	19
Logging :-.....	21
Application Demo	23
DevOps Measurements	25
Service Measurement Metrics.....	26

Cover Page

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>

Active User Stories and Tasks

USER Stories:

regostar / eventique

Filters: is:open is:issue label:"User Story" milestone:"Sprint 2"

Clear current search query, filters, and sorts

2 Open 0 Closed

Author Label Projects Milestones Assignee Sort

Homepage having tasks on a Calendar User Story #54 opened 2 weeks ago by SparshaPrakash Sprint 2


Event Plan Recommendation User Story #48 opened 2 weeks ago by regostar Sprint 2


All Tasks, User Stories, and Spikes high level view:

Title	Assignees	Status
1 Task : #54 Wireframe for the home page with the calendar containing all the tasks related t... #80	SparshaPrakash	Done
2 Homepage having tasks on a Calendar #54	Govind-Asawa and ...	Quality Assurance
3 Task : Dockerize the application #88	regostar	Done
4 Task : Host the application on GCP Cloudrun #98	regostar	Done
5 Task : Logging Setup #95	SparshaPrakash	Done
6 Task : # 48 Backend : API which responds tasks and it's description in a certain specified for... #52	regostar	Done
7 Spike: Event Data Database Schema Design #75	Govind-Asawa, reg...	Done
8 Task : Setup CI Pipeline #89	regostar	Done
9 Task : # 48 Backend : Develop an API end-point at the server side that takes user prompt a... #51	regostar and ruthvi...	Done
10 Task: #54: Frontend Integrate calendar in the home page #56	Govind-Asawa	Done
11 Bug: #46: signup page #77	Govind-Asawa	Done
12 Task : #48 Wireframe for generating tasks given an event description by a user #49	Usha-Chandrashekar	To Do
13 Event Plan Recommendation #48	Govind-Asawa, reg...	Quality Assurance
14 Task: #54 : Frontend: Show tasks of event(s) on the calendar #58	Govind-Asawa	Done
15 Task: # 54 : Backend : Calendar integration - Write API-endpoint that allows fetching all tas... #57	Govind-Asawa	Done
16 Task: #54 : Frontend Design UI for user homepage that allows calendar integration #55	SparshaPrakash	Done
17 Task : # 48 Frontend development for chatbot screen using the provided design #50	Govind-Asawa and ...	In review
18 Task : Logs Visualization #97	regostar	Done
19 Impl req/resp cycle to show tasks on calendar. Added moment library #101		Done

User Story 1:-

Homepage having tasks on a Calendar #54

 Open SparshaPrakash opened this issue 2 weeks ago · 0 comments



SparshaPrakash commented 2 weeks ago • edited by Govind-Asawa

As a user, I want to have a homepage with all my tasks on a calendar, and have the ability to navigate through the calendar i.e., days, weeks, months etc., so that it's easy for me to visually plan the execution of tasks.

Acceptance Criteria:

1. Allow various views such as day, week, month, year, etc
2. The calendar should have the ability to move through different dates and show tasks accordingly

SparshaPrakash added the **User Story** label 2 weeks ago

This was referenced 2 weeks ago

Task: #54 : Frontend Design UI for user homepage that allows calendar integration #55

Task: #54: Frontend Integrate calendar in the home page #56

Task: # 54 : Backend : Calendar integration - Write API-endpoint that allows fetching all tasks within the date range #57

Task: #54 : Frontend: Show tasks of event(s) on the calendar #58

Assignees

Govind-Asawa

SparshaPrakash

Labels

User Story

Projects

Eventique

Status: Quality Assurance

Milestone

Sprint 2

Development


Create a branch for this issue or link a pull request.


Notifications

Unsubscribe

Tasks related to this user story -

Task : #54 Wireframe for the home page with the calendar containing all the tasks related to the event. #80

 Closed SparshaPrakash opened this issue 2 weeks ago · 3 comments



SparshaPrakash commented 2 weeks ago

Story: [#54](#)

SparshaPrakash added the **Task/Sprint 2** label 2 weeks ago

SparshaPrakash added this to **Eventique** 2 weeks ago

SparshaPrakash moved this to To Do in **Eventique** 2 weeks ago

SparshaPrakash moved this from To Do to In progress in **Eventique** 2 weeks ago

Assignees

SparshaPrakash

Labels

Task

Projects

Eventique

Status: Done


Milestone

Sprint 2

Task: #54 : Frontend Design UI for user homepage that allows calendar integration #55


Edit New issue


 Closed SparshaPrakash opened this issue 2 weeks ago · 1 comment





SparshaPrakash commented 2 weeks ago

Story: [#54](#)




 SparshaPrakash added the **old task** label 2 weeks ago

 SparshaPrakash changed the title ~~Design UI for user homepage UI that allows calendar integration~~ Task: Design UI for user homepage UI that allows calendar integration 2 weeks ago

 Govind-Asawa changed the title ~~Task: Design UI for user homepage UI that allows calendar integration~~ Task: Design UI for user homepage that allows calendar integration 2 weeks ago


Assignees

 SparshaPrakash

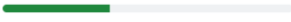
Labels

Task

Projects

 Eventique
Status: Done ▾ +4 more


Milestone

 Sprint 2

Task: #54: Frontend Integrate calendar in the home page #56


Edit New issue


 Closed SparshaPrakash opened this issue 2 weeks ago · 1 comment





SparshaPrakash commented 2 weeks ago


Story: [#54](#)




 SparshaPrakash added the **old task** label 2 weeks ago

 SparshaPrakash changed the title ~~Integrate calendar in the home page~~ Task: Integrate calendar in the home page 2 weeks ago

 regostar changed the title ~~Task: Integrate calendar in the home page~~ Task: #54: Frontend Integrate calendar in the home page 2 weeks ago

 regostar added **Task** and removed **old task** labels 2 weeks ago


Assignees

 Govind-Asawa


Labels

Task

Projects

 Eventique
Status: Done ▾ +4 more

Milestone

 Sprint 2

Development

Task: # 54 : Backend : Calendar integration - Write API-endpoint that allows fetching all tasks within the date range #57

Edit New issue

Closed SparshaPrakash opened this issue 2 weeks ago · 2 comments

SparshaPrakash commented 2 weeks ago

Story: #54

SparshaPrakash added the **old task** label 2 weeks ago

SparshaPrakash changed the title ~~Write API-endpoint that allows fetching all tasks within the date range~~ Task: Write API-endpoint that allows fetching all tasks within the date range 2 weeks ago

regostar changed the title ~~Task: Write API-endpoint that allows fetching all tasks within the date range~~ Task: # 54 : Backend : Calendar integration - Write API-endpoint that allows fetching all tasks within the date range 2 weeks ago

Assignees
 Govind-Asawa

Labels
Task

Projects
Eventique
Status: Done ▾ +4 more

Milestone
Sprint 2

Task: #54 : Frontend: Show tasks of event(s) on the calendar #58

Edit New issue

Closed SparshaPrakash opened this issue 2 weeks ago · 1 comment

SparshaPrakash commented 2 weeks ago · edited by Govind-Asawa ▾

Story: #54

- Everytime date range of the calendar in UI changes we need to fetch all tasks in that range and show it on the calendar

SparshaPrakash added the **old task** label 2 weeks ago

SparshaPrakash changed the title ~~Show tasks of event(s) on the calendar~~ Task: Show tasks of event(s) on the calendar 2 weeks ago

regostar changed the title ~~Task: Show tasks of event(s) on the calendar~~ Task: #54 : Frontend: Show tasks of event(s) on the calendar 2 weeks ago

Assignees
 Govind-Asawa

Labels
Task

Projects
Eventique
Status: Done ▾ +4 more

Milestone
Sprint 2

User Story 2: -

Event Plan Recommendation #48

[Edit](#) [New issue](#)[Open](#)

regostar opened this issue 2 weeks ago · 0 comments



regostar commented 2 weeks ago

As a user, I want to get a **list of tasks to be planned or executed by describing an event** so that I spend the least amount of effort getting confused about the tasks and rather focus on getting the event done.

Acceptance Criteria:

1. The system must allow users to input a description of an event and receive a list of tasks related to planning or executing that event with minimal effort.
2. Each task for the event must have a specific time and date.



regostar assigned regostar and Govind-Asawa 2 weeks ago

regostar added the **User Story** label 2 weeks ago

Assignees

- regostar
- Govind-Asawa
- ruthvick-rr

Labels

User Story

Projects

Eventique

Status: Quality Assurance

+4 more

Milestone

Sprint 2

Tasks related to this User story:-

Task : # 48 Backend : API which responds tasks and it's description in a certain specified format #52

[Edit](#) [New issue](#)[Open](#)

regostar opened this issue 2 weeks ago · 1 comment



regostar commented 2 weeks ago • edited by Govind-Asawa

Story: [#48](#)

Write a prompt that gets a list of tasks from an LLM in the **format needed** based on the event description given by the user. The format includes -

- Date and time of task
- Task with a description



regostar self-assigned this 2 weeks ago

regostar added the **old task** label 2 weeks ago

Assignees

- regostar

Labels

Task

Projects

Eventique

Status: Done

+4 more


Milestone

Sprint 2

Task : # 48 Frontend development for chatbot screen using the provided design #50

Edit New issue

Open regostar opened this issue 2 weeks ago · 1 comment





regostar commented 2 weeks ago


Story: #48


This task is to design the **frontend components** just like the wireframe which will act like a chatbot for the user having space for the user to enter details about the event, generate a button and a place to display the generated event with its tasks.

Dependent on Task #49 which gives the wireframe for designing the webpage.





 regostar added the **old task** label 2 weeks ago

 regostar assigned Govind-Asawa and Usha-Chandrashekar 2 weeks ago

 regostar added this to **Eventique** 2 weeks ago

Assignees


 Govind-Asawa

 Usha-Chandrashekar

Labels

Task

Projects

 Eventique

Status: In review ▾ +4 more


Milestone

Sprint 2

Task : #48 Wireframe for generating tasks given an event description by a user #49

Edit New issue

Open regostar opened this issue 2 weeks ago · 2 comments





regostar commented 2 weeks ago


Story: #48


Designing wireframe for the generating tasks.

The initial scope is, to have an input field, generate a button, and space to show the tasks generated




 regostar added the **old task** label 2 weeks ago

 regostar added this to **Eventique** 2 weeks ago

 regostar moved this to Backlog in **Eventique** 2 weeks ago


Assignees

 Usha-Chandrashekar

Labels

Task

Projects

 Eventique

Status: To Do ▾ +4 more

Milestone

Sprint 2

Independent Spikes and Tasks

Spike: Event Data Database Schema Design #75

Edit New issue

Open SparshaPrakash opened this issue 2 weeks ago · 0 comments



SparshaPrakash commented 2 weeks ago

Design Database Schema to save events and their data.



SparshaPrakash added the **Spike** label 2 weeks ago



Govind-Asawa added this to **Eventique** 2 weeks ago



Govind-Asawa assigned **regostar** and **Govind-Asawa** 2 weeks ago



regostar moved this to **Backlog** in **Eventique** 2 weeks ago



regostar moved this from **Backlog** to **To Do** in **Eventique** 2 weeks ago

Assignees

regostar

Govind-Asawa

Sony8179

Labels

Spike

Projects

Eventique

Status: Done

+4 more

Milestone

Sprint 2

Task : Setup CI Pipeline #89

Edit New issue

Open regostar opened this issue last week · 0 comments



regostar commented last week

Utilize semaphoreci to setup CI



regostar self-assigned this last week



regostar added **Task** **Sprint 2** labels last week



regostar added this to **Eventique** last week



regostar added this to the **Sprint 2** milestone last week

Assignees

regostar

Labels

Sprint 2 **Task**

Projects

Eventique

Status: Done

+4 more

Milestone

Sprint 2

Task : Dockerize the application #88

Edit New issue

Open regostar opened this issue last week · 0 comments



regostar commented last week

Not related to any user story.

Dockerize the application to begin devops



regostar added Task Sprint 2 labels last week



regostar added this to the Sprint 2 milestone last week



regostar self-assigned this last week

Assignees

regostar

Labels

Sprint 2 Task

Projects

Eventique

Status: Done

+4 more

Milestone

Sprint 2

Task : Host the application on GCP Cloudrun #98

Edit New issue

Open regostar opened this issue 5 days ago · 2 comments



regostar commented 5 days ago

Deploy the application and run it.



regostar added User Story Task labels 5 days ago



regostar added this to the Sprint 2 milestone 5 days ago



regostar self-assigned this 5 days ago



regostar added this to Eventique 5 days ago

Assignees

regostar

Labels

Task

Projects

Eventique

Status: Done

+4 more


Milestone

Sprint 2

Task : Logging Setup #95

Edit New issue

Open regostar opened this issue last week · 0 comments



regostar commented last week

Setup logging configuration on django.

All apis must be logged with the timestamp, URL, input payload, etc.
Sensitive information must be masked

📎

regostar assigned SparshaPrakash last week

regostar added Sprint 2 Task labels last week

regostar added this to Eventique last week

Assignees

SparshaPrakash

Labels

Sprint 2 Task

Projects

Eventique
Status: Done +4 more


Milestone

Sprint 2

Task : Logs Visualization #97

Edit New issue

Open regostar opened this issue last week · 2 comments



regostar commented last week

The logs must be visualized and searchable.
Suggested tools -
ELK Stack, Prometheus, Grafana, or GCP's logging tools.

This must be hosted on a public url

📎

regostar added Task Sprint 2 labels last week

regostar added this to the Sprint 2 milestone last week

Assignees

regostar

Labels

Spike Sprint 2 Task

Projects

Eventique
Status: Done +4 more

Milestone


Sprint 2

Tasks Rolled Over from the Previous Sprint

Bug: #46: signup page #77

Edit New issue

Closed Govind-Asawa opened this issue 2 weeks ago · 2 comments



Govind-Asawa commented 2 weeks ago

Reflect on the comments added in the pull request: [#46](#)

📎

Govind-Asawa added the Bug/Sprint 2 label 2 weeks ago

Govind-Asawa self-assigned this 2 weeks ago

Govind-Asawa added this to Eventique 2 weeks ago

Govind-Asawa moved this to To Do in Eventique 2 weeks ago

Assignees

Govind-Asawa

Labels

Bug/Sprint 2

Projects

Eventique
Status: Done +4 more

Milestone

Sprint 2

Summary of Scrum Meetings

25th March, Monday @ 10.05PM (Zoom) | None Absent

- Was the first scrum call after the sprint planning call that was carried out March 22nd in-person.
- Few bugs in the signup page were identified from backlog testing and a task was created and assigned.
- Use of Gemini as LLM was finalized from the research spike.
- Simpler frontend wire-frame designs were being worked upon

27th March, Wednesday @ 10.05PM (Zoom) | None Absent

- Progress on bug fix & wireframe creation.
- Started designing Database schema, as part of spike.
- Started working on task related to implementing api-endpoint for event plan creation.

30th March, Saturday @10.05PM (Zoom) | None Absent

- Bug fix has been reviewed.
- Certain wireframe & UI blockers were asynchronously discussed and resolved.
- Started working on the homepage UI without calendar integration.
- Started working on the event generation screen.
- Basic structure of api-endpoint for event generation has been created.
- Database schema has been finalized. Found that MongoDB is not required for now, so going ahead with Postgres.

1st April, Monday @10.05 (Zoom) | None Absent

- Started working on calendar integration.
- Basic Database schema implemented.
- Event generation UI work in progress
- Started working on CI Pipeline

3rd April, Wednesday @10.05 (Zoom) | None Absent

- Calendar has been integrated successfully with multiple UI logic changes for Homepage.
- CI Pipeline completed
- Started working on creating api-endpoints to fetch tasks in a date range that needs to be displayed on the calendar.
- Started working on adding logging functionality in the backend.

5th April, Friday @ 1pm (Willis, in-person) | Adhoc unplanned | Absent: Sony, Ruthvick

- Restructured the backend code organization and api-endpoints as more clarity was added when working on fetching tasks.

- Completed working on api-endpoints to fetch tasks.
- Discussed blocker in Event generation(chatbot) UI creation and listed clear action items for the present scope of the work.
- Completed the basic logging setup.
- Started working on the issue to display user tasks on calendar.

6th April, Saturday @ 10.05pm (Zoom) | Absent: None

- Completed the homepage user-story.
- Started to work on Dockerization
- Started to deploy on Google Cloud Run

8th April, Monday @ 10.05pm (Zoom) | Absent: None

- Resolved the bug in the event recommendation system.
- Accomplished a basic version of CI/CD
- Deployed and hosted with a url.
- QA Testing started.

Summary of Scrum Review Meeting

Strengths: -

- Completing the committed user stories, better planning and execution of the tasks. Good split of tasks, spikes and user stories.
- Setup a Basic version of CI/CD Pipeline which helped us streamline development efforts.
- Logging pipeline setup enables us to detect bugs even before customers experience it.
- Improving collaboration by dockerizing the project so that the project runs on everyone's systems irrespective of the underlying OS.
- Team members learnt to use GIT and started to get comfortable with creating Pull Requests and requesting for review before merging anything.

Weakness: -

Better presentation required during the sprint review call with TA.
Need to improve integration of frontend and backend tasks seamlessly.

Steps to improve: -

Proper rehearsal of what exactly we are going to discuss. Going from top to bottom from user stories. Giving a business overview instead of technical explanations. Help everyone in the team present during demos.

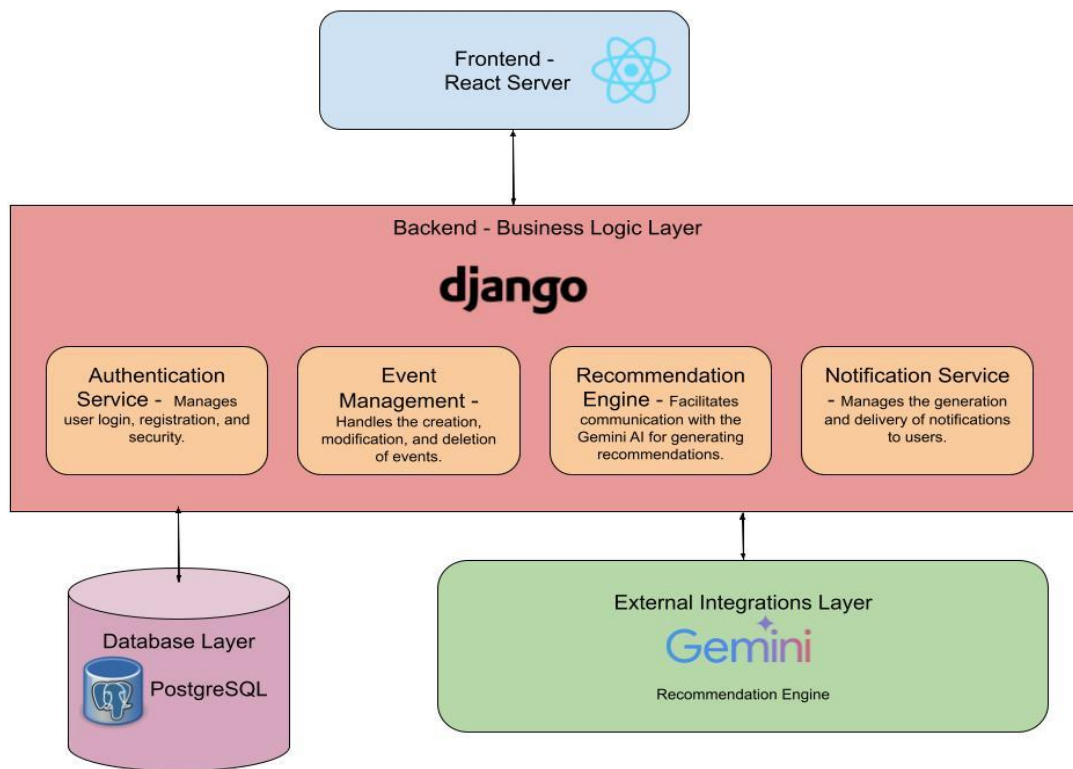
Tasks Rolled over to next sprint: - None

Sprint 3 User stories: -

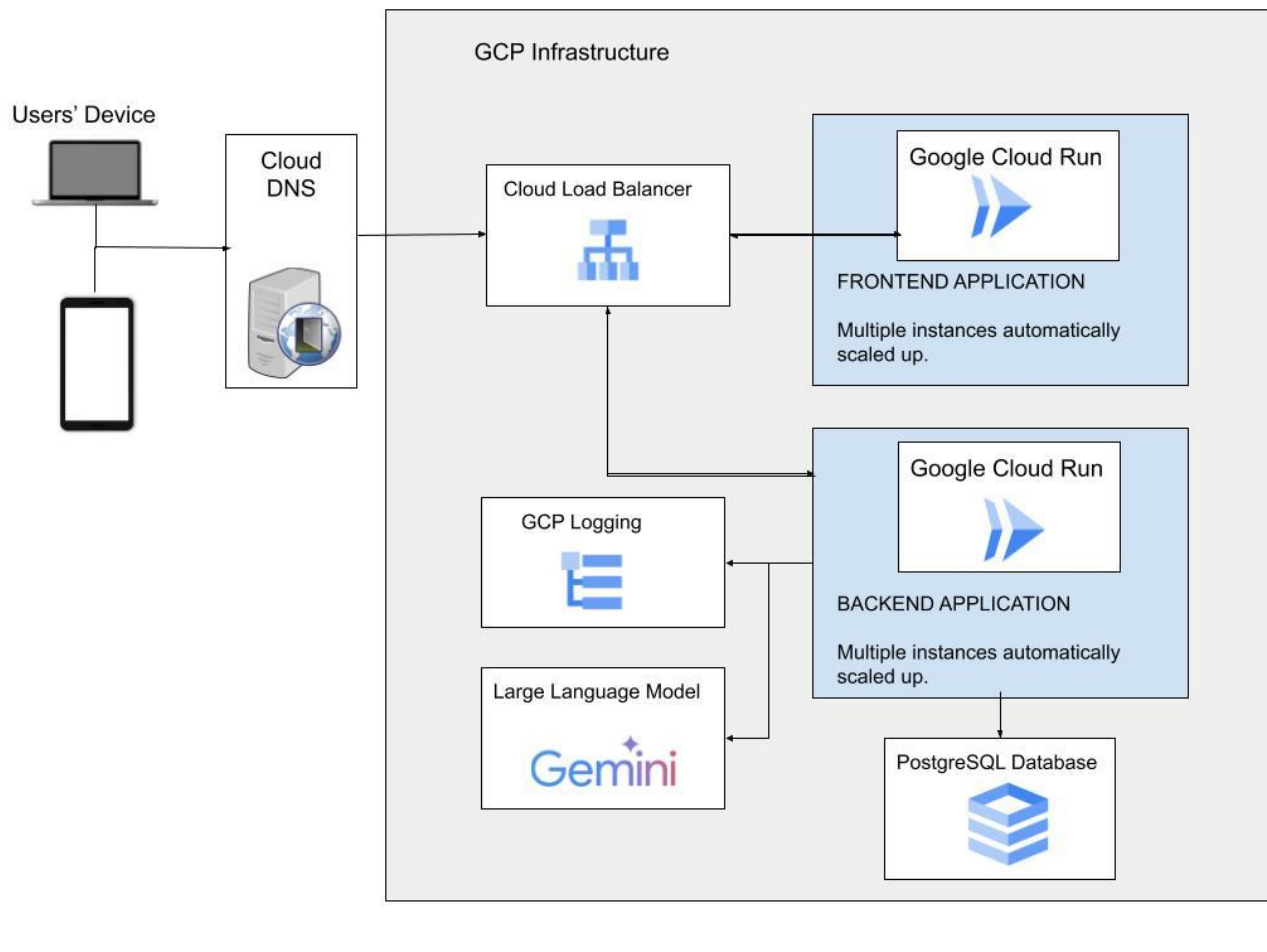
The screenshot shows the GitHub Issues page for the repository 'regostar / eventique'. The page is filtered to show 'Issues' with a count of 37. A search filter is applied: 'is:open is:issue label:"User Story" milestone:"Sprint 3"'. The results show 6 open issues, all labeled 'User Story' and assigned to 'Sprint 3'. The issues are listed in a table with columns for checkboxes, status (Open/Closed), title, author, label, projects, milestones, assignee, and sort order.

<input type="checkbox"/>	6 Open	0 Closed	Author	Label	Projects	Milestones	Assignee	Sort
<input type="checkbox"/>	Instant Task Creation via Calendar Date Selection	User Story	#67 opened 2 weeks ago by SparshaPrakash	🔗 Sprint 3				
<input type="checkbox"/>	All Events on the Homepage	User Story	#63 opened 2 weeks ago by SparshaPrakash	🔗 Sprint 3				
<input type="checkbox"/>	Editing Tasks from Calendar UI on Home page	User Story	#59 opened 2 weeks ago by SparshaPrakash	🔗 Sprint 3				
<input type="checkbox"/>	Approve/Finalize Plan or Regenerate	User Story	#53 opened 2 weeks ago by regostar	🔗 Sprint 3				
<input type="checkbox"/>	Display in detail set of tasks for an Event	User Story	#47 opened 3 weeks ago by regostar	🔗 Sprint 3				
<input type="checkbox"/>	Notification Module - User is notified of upcoming event and it's task based on their opt-in status	User Story	#7 opened on Feb 23 by regostar	🔗 Sprint 3				

Software Architecture – Layered Architecture



Cloud Infrastructure



Backend communicates with Frontend via Load Balancer (Nginx)

High-Level Design (HLD)

1. Frontend (React.js)

- Calendar View: Display tasks and events, with options to create, edit, and view in detail.
- Event and Task Management: Interfaces to manage the specifics of each event and task.
- Recommendation Engine Interface: Integrates with Gemini AI to provide event plan suggestions.
- Notification Panel: Displays upcoming events and task notifications. (sprint 3)

2. Backend (Django)

API Endpoints:

- Authentication (login, logout, register)
- Event CRUD operations
- Task CRUD operations
- Notification management
- Recommendation system integration

Business Logic:

- User authentication and authorization
- Event scheduling and management logic
- Task tracking and updates
- Notification triggering based on user preferences and event/task timings
- Recommendation engine interaction for generating event plans

3. Database (PostgreSQL)

Tables: User, Event, Task, Notification

Relationships and indices designed for optimal query performance

4. Integration with Gemini AI

- Communicates with the backend to receive event data and user preferences
- Processes the data to provide intelligent recommendations for event planning

5. Deployment and Operations

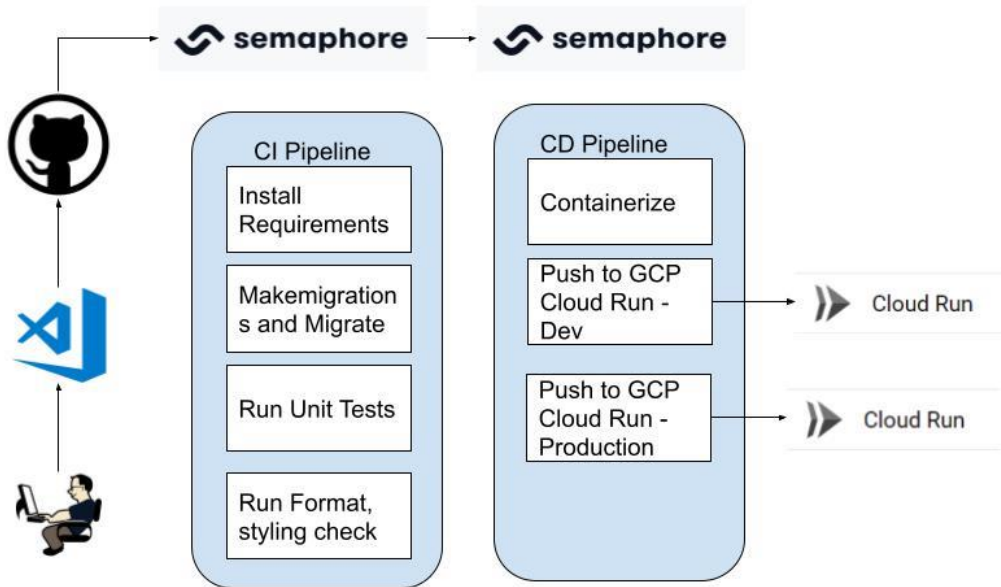
- Containerization: Application components (frontend, backend, database) are containerized using Docker.
- Continuous Integration/Continuous Deployment (CI/CD):
- CI with Semaphore to automate testing and build processes.
- CD for automated deployment of Docker images to Google Cloud Run, ensuring seamless updates and scalability.

6. Security and Compliance

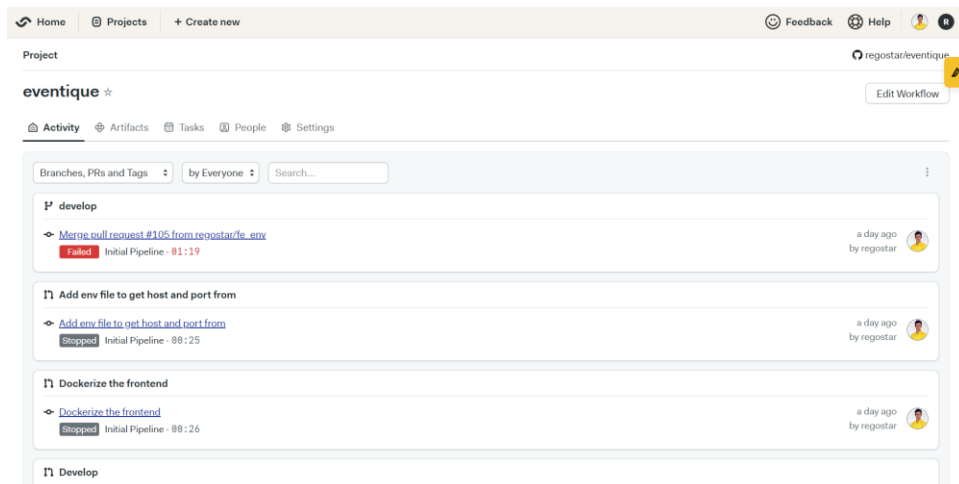
- Implement standard security practices (HTTPS, data encryption, user authentication and authorization, regular security updates).

CI/CD Pipeline

Semaphore Tool is integrated with GitHub



Semaphore - A CI/CD solution to streamline developer workflows.



During every pull request, the CI pipeline is automatically run. The unit tests are run and it outputs if it failed or succeeded. Test Build is also done.

Open Release #109
regostar wants to merge 62 commits into `main` from `develop`

Add more commits by pushing to the `develop` branch on [regostar/eventique](#).

All checks have failed
1 failing check

ci/semaphoreci/push: Initial Pipeline — The build failed on Semaphore 2.0.

This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Add a comment

Write Preview

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Close pull request Comment

regostar.semaphoreci.com/workflows/cd2ec6a0eca-4735-9bc5-d8bce3420bc7/edit

Home Projects + Create new Feedback Help

Project: `eventique`
Branch: `develop` (Change...)

Dismiss and Exit Run the workflow

Edit with Visual Builder or edit individual yaml files: [semaphore.yml](#)

Initial Pipeline

Build Pip

Migrations and Test
Test migrations

+ Add Block

After Pipeline Jobs ?

+ Add After Jobs

Promotions ?

+ Add Promotion

Name of the Block

Build

Dependencies

Migrations and Test

Jobs

One command per line.

```
Pip
sem-version python 3.11
checkout
skdir .pip_cache
cache restore
cd backend
pip install --cache-dir .pip_cache -r requirements.txt
pg_config --version
cache store
```

Configure parallelism or a job matrix

+ Add Job

Various New tests, builds, containerization, etc can be added on to the existing CI/CD pipeline

Semaphore tool will dockerize the project and ship it to GCP Cloudrun as indicated in the architecture diagram.

Google Cloud

CodeSnap

Search (/) for resources, docs, products, and more

Search

Google Cloud Run

Service details

EDIT & DEPLOY NEW REVISION

SET UP CONTINUOUS DEPLOYMENT

LEARN

backend-web

Region: us-central1

URL: <https://backend-web-6rk32a22ua-uc.a.run.app>

Min instances: 0

METRICS

SLOS

LOGS

REVISIONS

NETWORKING

SECURITY

TRIGGERS

INTEGRATIONS

PREVIEW

YAML

Revisions

MANAGE TRAFFIC

Filter

Filter revisions

Name	Traffic	Deployed	Revision URLs (tags)
backend-web-00009-zqb	100% (to latest)	2 days ago	+
backend-web-00008-fj8	0%	2 days ago	
backend-web-00007-5m6	0%	2 days ago	
backend-web-00006-vk5	0%	2 days ago	
backend-web-00005-tb4	0%	2 days ago	
backend-web-00003-dh5	0%	2 days ago	
backend-web-00002-xlt	0%	2 days ago	
backend-web-00001-wdf	0%	2 days ago	

backend-web-00009-zqb

Deployed by regostar006@gmail.com using Cloud Console

CONTAINERS

VOLUMES

NETWORKING

SECURITY

YAML

General

CPU allocation

CPU is only allocated during request processing

Startup CPU boost

Enabled

Concurrency

80

Request timeout

300 seconds

Execution environment

Default

Autoscaling

Max instances

2

Image URL

<us-south1-docker.pkg.dev/bamboo-theorem-415222/...>

Port

8080

Build

(no build information available)

Source

(no source information available)

Google Cloud

CodeSnap

Search (/) for resources, docs, products, and more

Search

Google Cloud Run

Service details

EDIT & DEPLOY NEW REVISION

SET UP CONTINUOUS DEPLOYMENT

LEARN

frontend-web

Region: us-central1

URL: <https://frontend-web-6rk32a22ua-uc.a.run.app>

Min instances: 0

METRICS

SLOS

LOGS

REVISIONS

NETWORKING

SECURITY

TRIGGERS

INTEGRATIONS

PREVIEW

YAML

Revisions

MANAGE TRAFFIC

Filter

Filter revisions

Name	Traffic	Deployed	Revision URLs (tags)
frontend-web-00004-wcm	100% (to latest)	1 day ago	+
frontend-web-00003-9k4	0%	1 day ago	
frontend-web-00002-cp9	0%	1 day ago	
frontend-web-00001-jc9	0%	1 day ago	

frontend-web-00004-wcm

Deployed by regostar006@gmail.com using Cloud Console

CONTAINERS

VOLUMES

NETWORKING

SECURITY

YAML

General

CPU allocation

CPU is only allocated during request processing

Startup CPU boost

Enabled

Concurrency

80

Request timeout

300 seconds

Execution environment

Default

Autoscaling

Max instances

3

Image URL

<us-south1-docker.pkg.dev/bamboo-theorem-415222/...>

Port

8080

Build

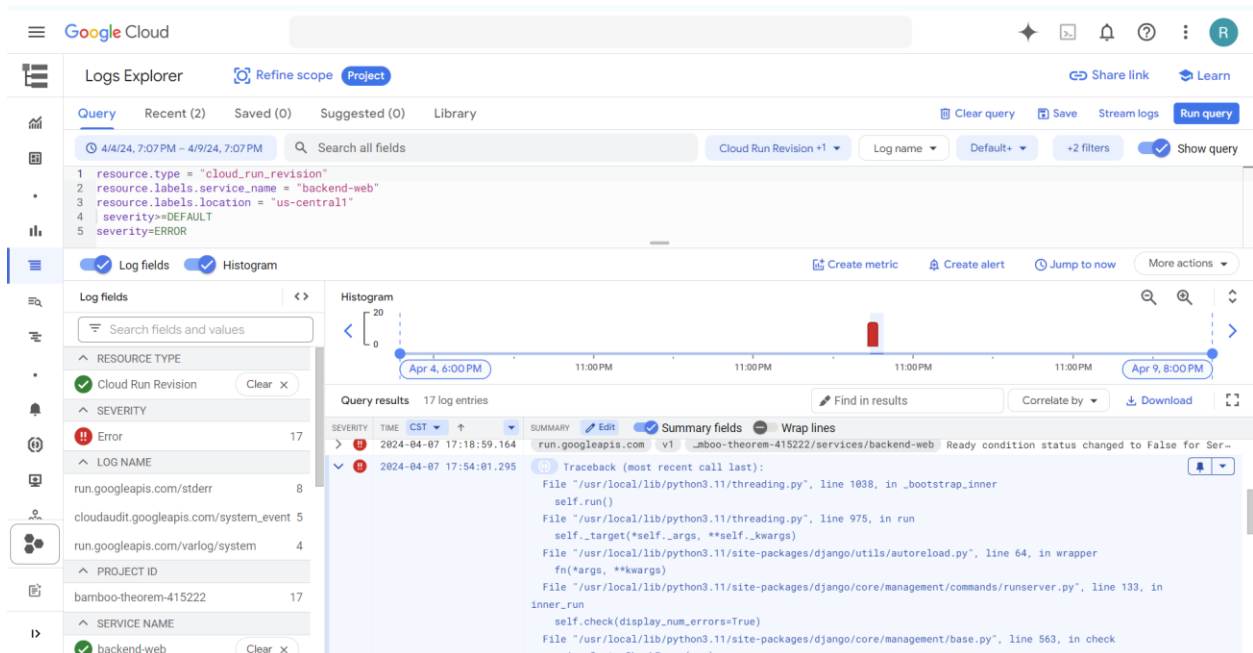
(no build information available)

Source

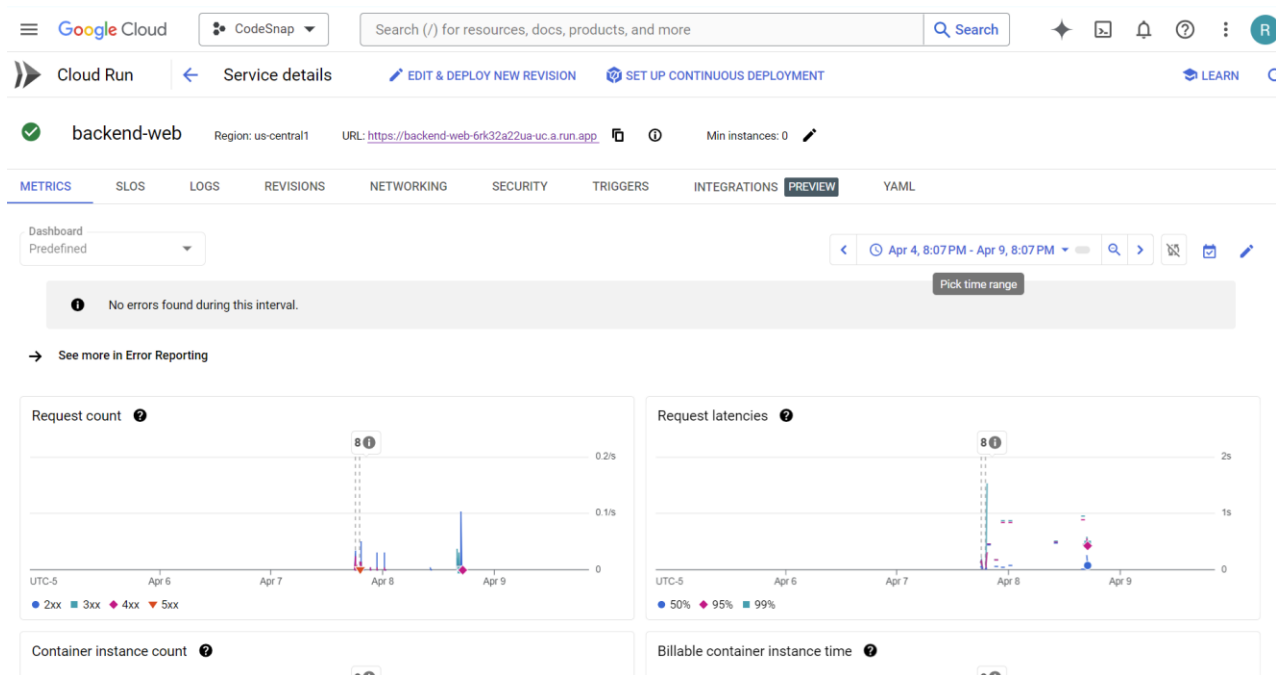
(no source information available)

Logging :-

Utilized Google Logs Explorer to view App Logs



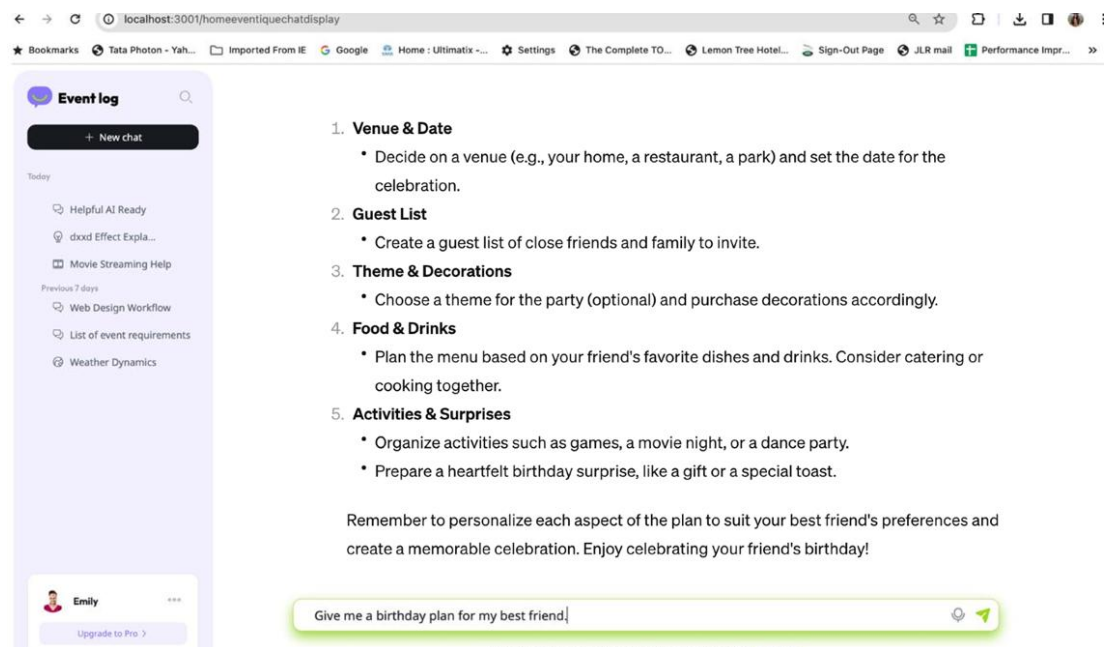
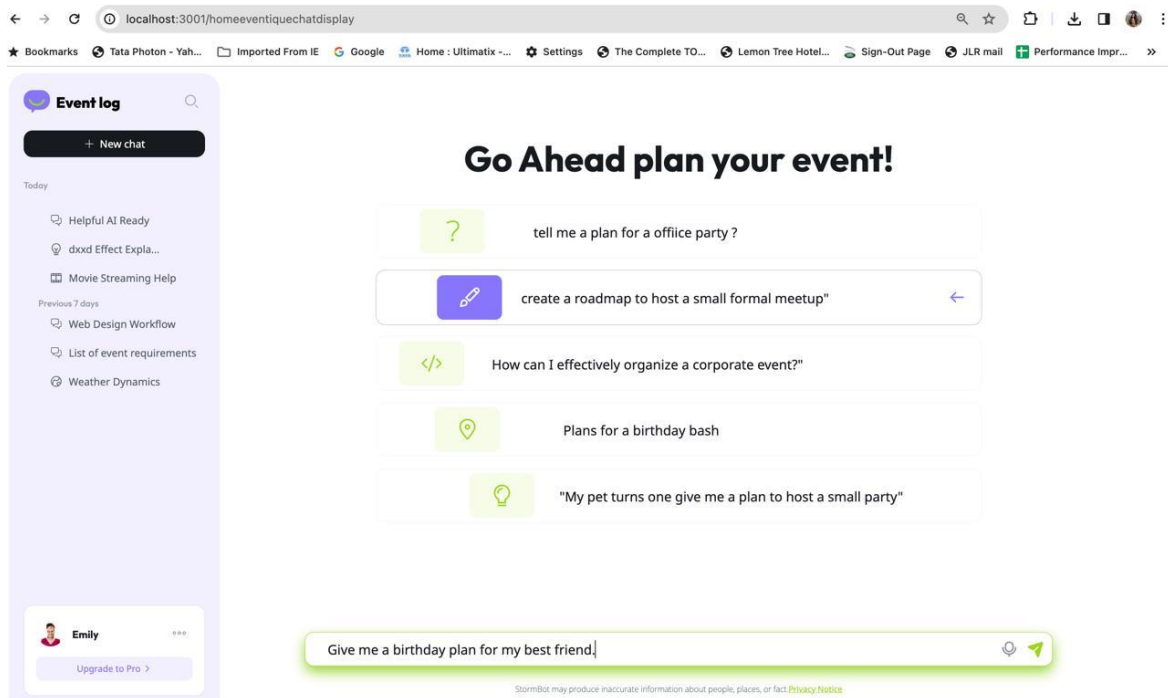
Utilized Cloudrun to see System Metrics for the instances we are running



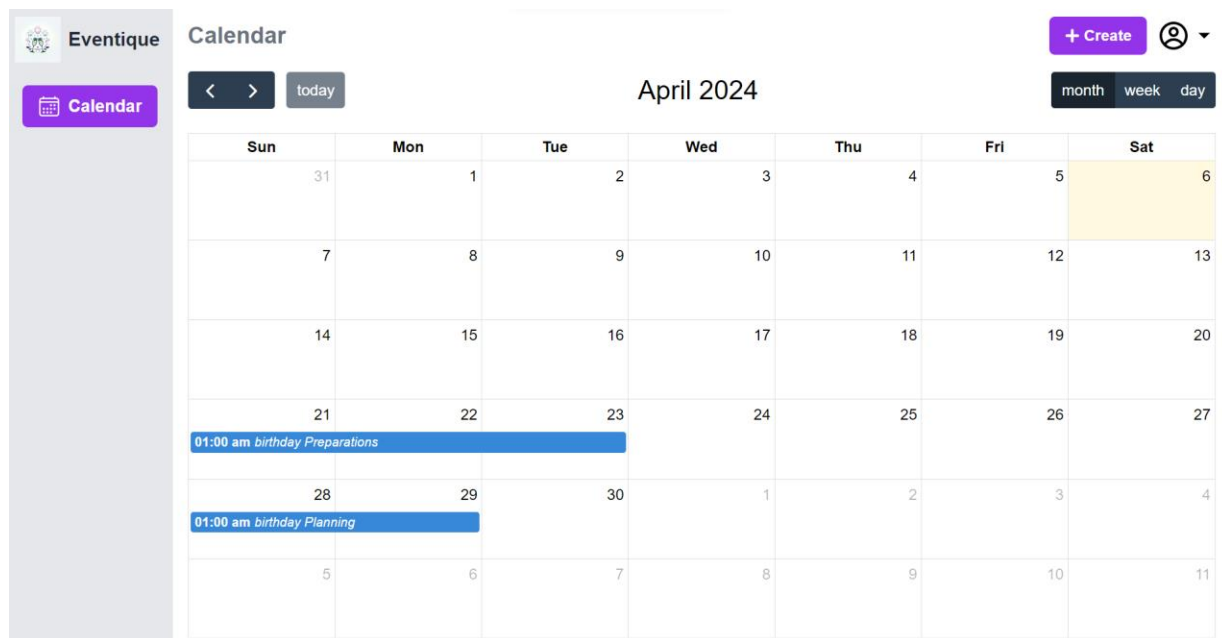


Application Demo

Chatbot Screen – User story - **Event Plan Recommendation**



Homepage – User Story - **Homepage having tasks on a Calendar**



DevOps Measurements

Process Measurement Metrics

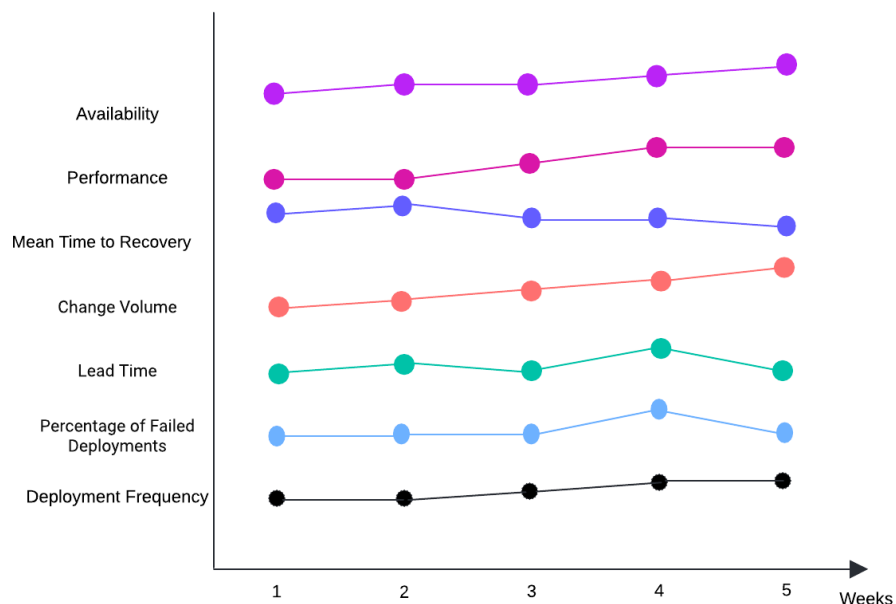
1. **Deployment Frequency:** Eventique maintains a deployment frequency of 2 deployments per week (3 in the last 2 weeks), reflecting our commitment to agility and responsiveness in addressing stakeholder feedback promptly.
2. **Percentage of Failed Deployments:** Out of 10 deployments in a month, only 1 deployment failed, resulting in a low failure rate of 10%, highlighting the effectiveness of our testing practices and deployment automation on a smaller scale.
3. **Lead Time from Development to Deployment:** The average lead time from merging code changes to deploying them to our development server is 10 minutes, showcasing our ability to rapidly move changes through the deployment pipeline.

4. **Change Volume:** Over the past month, our team has seen an average of 50 commits and 30 pull requests per month on GitHub, indicating consistent development activity and collaboration among team members.
5. **Mean Time to Recovery (MTTR):** In the event of an incident, our team can recover service within an average of 14 minutes, minimizing disruption to project development and ensuring timely resolution of issues.

Service Measurement Metrics

1. **Performance:** The average response time for key project functionalities, such as accessing project resources or submitting changes, is 800 milliseconds, providing a smooth user experience for project contributors.
2. **Availability/Reliability:** Eventique has achieved an availability rate of 99.5% over the past month, with only 2 hours of scheduled downtime for maintenance and updates, ensuring project resources are consistently accessible to team members. This metric is guaranteed by GCP.

DevOps Metrics Trends Chart



Week	Deployment Frequency	Failed Deployments (%)	Lead Time (hours)	Change Volume	MTTR (minutes)	Performance (ms)	Availability (%)
1	1	0	1	20	15	750	99.3
2	1	0	1.5	25	20	750	99.3
3	2	0	1.1	30	12	850	99.4
4	3	10	2	34	11	900	99.6
5	3	0	1.1	36	10	900	99.5