EventIt ® :D

TEAM NAME:EVENTION

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Abstract

Our online event management system software project that serves the functionality of an event manager. The system allows only registered users to login and new users are allowed to register on the application. This is a web application developed in Node.js and Microsoft Azure Student online database. Several event management applications are available for web and desktop applications like Bizzabo and Cvent. This project provides most of the basic functionality required for an event. It allows the user to select from a list of offered event types. Once the user enters an event type eg(Birthdays, reunions etc), the system then allows the user to select the date and time of event, place and other preferences like budget and food.

The details of the user and the events registered are stored in the database. Our online portal aims to unite the customers , sponsors, media partners, caterers and event managers in one portal to facilitate management of events requested by the customers. We have details of the sponsors, media partners, caterers in our database. The employees have a separate login and are assigned to an user, when the user requests to conduct an event. The employee remains in touch with the user and helps the user find interested sponsors, caterers and media partners from the database.

The employees of our company have a separate portal for registration and login, through which they can manage the events assigned to them and contact all the stakeholders in the event. There is a provision for users to give their feedbacks, which are also stored in the database, for analysis of user preferences and customized suggestions of events and preferences by our software to the user. The analysis could be used for improvement of the services and quality of our software.

The Event management software project was developed using agile methodologies in two sprints of a period of around 3 weeks each. Regular scrum meetings and sprint retrospectives led to the development of quality and integrity of work. The integrity of the software was tested using standard software engineering tools like SonarQube and Selenium.

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1. Preview

Introduction:

Special occasions and festivals are joyous occasions that are to be celebrated and enjoyed . The hassle of having to organise an event and oversee the implementation of every little detail should not interfere with the fun of the event. This is where we come in. At EventIt, we have specialised employees to ensure that your special day is even more special. From birthdays to weddings, we have you covered! Our services include a wide range of music bands, food caterers, decorators and lighting. The best part is that we take care of everything from the start to the end, you don't need to worry at all! Hire us for one of your events and leave the rest to us!

Need and Motivation:

Our software project title is Event Management System. Events are complicated with many intricate details. From booking a venue to hiring caterers, from inviting guests to publicising the event, event management is a daunting task for amateurs. The complex nature of conducting an event and overseeing the entire flow has facilitated the need for a management system to guide the customer through the whole process smoothly. The customer portal that we provide integrates all of the customer's events at one site, where he/she can view/edit the details of the events. Requesting, modifying and cancelling events has also been made easy through our website. Backend database integration ensures that all the information is available on demand, yet secure from unauthorised access.

Tools Used:

GitHub	We used Github, a web-based service for version control to collaborate on the project as a team.
MS Azure Studio	We used a cloud based database system for the backend
Visual Studio Code	We preferred VSC for its optimized debugging, embedded Git control, syntax highlighting and intelligent code completion.
Selenium	We've used Selenium for Web Browser Automation and testing.
SonarQube	We used this popular static code analyser to find any potential bugs and code smells.

2. Product backlog

2.1 Report of your product backlog from JIRA

Summary	Priority	Assignee	Custom field (Story Points)
Create Home Page	Medium	CB.EN.U4CSE16134	4
As an employee assigned to an event, I can inform media partners, invite guests.	Low	CB.EN.U4CSE16159	3
Create a personalised email to the selected guests, with fields as variables to be filled accordingly	Medium	CB.EN.U4CSE16159	2
Create a database of our media partners	Medium	CB.EN.U4CSE16159	1
Request Additional Resources	Highest	CB.EN.U4CSE16134	3
As an employee, I can inform associate partners about the cancellation of an event.	Medium	CB.EN.U4CSE16159	2
As an employee assigned to an event, I can send requests to food caterers, music bands, interior furnishers and addit	Medium	CB.EN.U4CSE16159	3
Current Status	Medium	CB.EN.U4CSE16134	2
SOS Services	High	CB.EN.U4CSE16134	2
Recording mail for future quality assesment	High	CB.EN.U4CSE16101	2
Analysis of the stored conversation history	Low	CB.EN.U4CSE16101	2
Send a personalised cancellation email to the providers	Low	CB.EN.U4CSE16159	2
Create a personalised request emails to the service providers.	Medium	CB.EN.U4CSE16159	1
A design simulation, to create or choose card formats	Medium	CB.EN.U4CSE16134	2
Display the highlights of the reviews posted by the customers on the main page	Medium	CB.EN.U4CSE16101	2
Create a home page for the employee	Low	CB.EN.U4CSE16159	1
As a catering partner, I can register myself on the portal, to provide my catering services	Medium	CB.EN.U4CSE16159	2
As an employee, I login to an 'Employee Portal', specially designed for employees	Medium	CB.EN.U4CSE16159	6
A portal where the user can specify his/her food preferences, and opt for add-on amenities and facilities.	Medium	CB.EN.U4CSE16101	4
Create a social media link for each event	Medium	CB.EN.U4CSE16159	3
Display of Phone Numbers & EmailID of contacts	Medium	CB.EN.U4CSE16134	1
As an employee, I can facilitate the refund of money for a cancelled event and impose a fine if necessary	High	CB.EN.U4CSE16159	3
Create pages for the assigned events	Medium	CB.EN.U4CSE16159	2
As an Event Manager,I Should Assign Employees for the events	Highest	CB.EN.U4CSE16128	2
As an employee, I can validate the reason for cancellation	Medium	CB.EN.U4CSE16159	3
As an employee, I can contact the bank for a refund, upon successful validation.	Medium	CB.EN.U4CSE16159	1
As an employee, I can impose a fine if the event management has progressed too far.	Medium	CB.EN.U4CSE16159	2
A way for service providers to register	Medium	CB.EN.U4CSE16159	3
As an employee, I can release employees and resources assigned to a cancelled event.	Low	CB.EN.U4CSE16159	2
As an employee assigned to a particular event, I can generate invitation designs to be sent to the print publishers.	Low	CB.EN.U4CSE16134	3
The obtained reviews and stats must be analysed and interpreted so as to produce meaningful information for impro	Medium	CB.EN.U4CSE16101	2
A Portal Which Maintains List Of Sponsors	Medium	CB.EN.U4CSE16128	1
The user must able to provide valuable feedback to the event manager about the conducted event.	Medium	CB.EN.U4CSE16101	2
Registration page	High	CB.EN.U4CSE16103	1
As an Event Manager,I should Maintain a Directory of sponsors	Highest	CB.EN.U4CSE16128	2
A startup page that asks the user if he/she wants to login to a personal account or register a new account.	Medium	CB.EN.U4CSE16103	2
Account creation page	High	CB.EN.U4CSE16103	2
Post Event Survey of Customers	Low	CB.EN.U4CSE16134	1

Post Event Survey of Customers	Low	CB.EN.U4CSE16134	1
Create a user friendly platform to provide feedback and comments about the event.	High	CB.EN.U4CSE16101	2
As a newly registering user, my personal and account details must be stored by the application so that the applicatio	High	CB.EN.U4CSE16103	1
As a new user, I should be able to sign up or register to use the services of the application.	Highest	CB.EN.U4CSE16103	5
Constant mail updates to customers about updates about event progress.	Low	CB.EN.U4CSE16134	2
Remainders	Low	CB.EN.U4CSE16134	1
As an accustomed user, I must be able to sign into my account using my username and password.	Medium	CB.EN.U4CSE16103	2
As a user I must be able to specify and schedule any type of event I want to conduct	High	CB.EN.U4CSE16103	3
As an Event Manager,I should be sending confirmation SMS during Registration Process	Medium	CB.EN.U4CSE16101	3
As an Event Manager,I should Generate Unique Id for Registered Events	Highest	CB.EN.U4CSE16128	1
As an Event Manager,I Should Send Confirmation Message	Highest	CB.EN.U4CSE16128	1
As a user who has requested for an event, I must be assigned an employee who would manage the event for me.	High	CB.EN.U4CSE16103	2
As an Event Manager,I should Request Sponsors	Medium	CB.EN.U4CSE16128	1
Create a page for employees which has output of machine learning algorithms to provide the user with useful future	Low	CB.EN.U4CSE16101	2
Perform data analytics by application of machine learning algorithms on the obtained user feedback data set.	Medium	CB.EN.U4CSE16101	2
Analyze revenue obtained and maintain statistics of amount spent and received by the company.	Low	CB.EN.U4CSE16128	3
Analyze user reviews and maintain statistics about customer satisfaction for different events conducted.	Medium	CB.EN.U4CSE16101	2
As a newly registering user, my phone number and email account has to be verified and validated.	Low	CB.EN.U4CSE16103	2
As an Event Manager,I should be able to generate and display receipt	Medium	CB.EN.U4CSE16128	2
As an Event Manager,I should guarentee Secure Payment to customers using Secure Payment Gateway	Medium	CB.EN.U4CSE16128	2
As a user I must be able to delete my account from the application if I want to.	Medium	CB.EN.U4CSE16103	2
As a user I must be aware and be able to conduct events based on preferences like food, place and budget.	Medium	CB.EN.U4CSE16103	4

3. Report of product backlog from JIRA

[CBEM-72] Create Home Page Created: 24/Feb/19 Updated: 26/Feb/19 Resolved: 26/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	Niranjan Kumar S	**Assignee:**	Niranjan Kumar S
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Others
Sprint:	CBEM Sprint 1

[CBEM-66] Display of Phone Numbers & EmailID of contacts Created: 24/Jan/19 Updated: 19/Feb/19 Resolved: 19/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	Niranjan Kumar S	**Assignee:**	Niranjan Kumar S
Resolution:	Done	**Votes:**	0

Labels:	None
Remaining Estimate:	Not Specified
Time Spent:	Not Specified
Original Estimate:	Not Specified

Epic Link:	Customer Care
Sprint:	CBEM Sprint 1

Description

As a Customer I should be able to view the contact details

[CBEM-64] Display the highlights of the reviews posted by the customers on the main page Created: 24/Jan/19 Updated: 06/Mar/19 Resolved: 25/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	Abhilash V	**Assignee:**	Abhilash V
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	User Feedback & Review
Sprint:	CBEM Sprint 1

[CBEM-63] Post Event Survey of Customers Created: 23/Jan/19 Updated: 13/Feb/19 Resolved: 13/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Low
Reporter:	Niranjan Kumar S	**Assignee:**	Niranjan Kumar S
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Customer Care
Sprint:	CBEM Sprint 1

Description

As a customer I must be able to give my feedback to the company about the event after everything is over

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[CBEM-60] Remainders Created: 23/Jan/19 Updated: 26/Feb/19 Resolved: 26/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Low
Reporter:	Niranjan Kumar S	**Assignee:**	Niranjan Kumar S

Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Tracking Event
Sprint:	CBEM Sprint 1

Description

As an employee assigned to an event,I must be reminded about tasks to be done constantly.

[CBEM-58] Constant mail updates to customers about updates about event progress. Created: 23/Jan/19 Updated: 26/Feb/19 Resolved: 26/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Low
Reporter:	Niranjan Kumar S	**Assignee:**	Niranjan Kumar S
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Tracking Event
Sprint:	CBEM Sprint 1

Description

As a customer i must be updated about the completion of every tasks of my event via mail

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[CBEM-55] As an Event Manager,I should be sending confirmation SMS during Registration Process

Created: 23/Jan/19 Updated: 02/Mar/19 Resolved: 18/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	M. Bindu Trilekha	**Assignee:**	Abhilash V
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Sponsors
Sprint:	CBEM Sprint 1

Description

Event Manager should be able to generate OTP. By sending One time password (OTP) on mobile number Event Manager can verify users when they want to make necessary transactions.

[CBEM-41] As an Event Manager,I should Maintain a Directory of sponsors

Created: 22/Jan/19 Updated: 07/Feb/19 Resolved: 07/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None

Fix Version/s:	None

Type:	Story	**Priority:**	Highest
Reporter:	M. Bindu Trilekha	**Assignee:**	M. Bindu Trilekha
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Sponsors
Sprint:	CBEM Sprint 1

Description

Event Manager should maintain list of sponsors including details of them, so whenever customer registers for event we can see in that list and request particular sponsor tp provide sponsorship for the event registered by the customer

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[CBEM-40] As an Event Manager,I Should Assign Employees for the events

Created: 22/Jan/19 Updated: 03/Mar/19 Resolved: 03/Mar/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Highest
Reporter:	M. Bindu Trilekha	**Assignee:**	M. Bindu Trilekha
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original	Not Specified		

Estimate:	

Epic Link:	Payment And Event Confirmation
Sprint:	CBEM Sprint 1

Description

Service Provider should be able to assign related employees for each sub event conducted in the event

---

[CBEM-39] As an Event Manager,I should Generate Unique Id for Registered Events

Created: 22/Jan/19 Updated: 03/Mar/19 Resolved: 03/Mar/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Highest
Reporter:	M. Bindu Trilekha	**Assignee:**	M. Bindu Trilekha
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Payment And Event Confirmation
Sprint:	CBEM Sprint 1

Description

As an Service Provider,whenever customer register for an event after he confirms the event an unique id will be generated for that event

---

[CBEM-38] As an Event Manager,I Should Send Confirmation Message

Created: 22/Jan/19 Updated: 03/Mar/19 Resolved: 03/Mar/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Highest
Reporter:	M. Bindu Trilekha	**Assignee:**	M. Bindu Trilekha
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Payment And Event Confirmation
Sprint:	CBEM Sprint 1

Description

As an Service Provider,whenever customers register for an event I should send confirmation message to that particular user

---

[CBEM-29] Create a user friendly platform to provide feedback and comments about the event.

Created: 20/Jan/19 Updated: 17/Feb/19 Resolved: 17/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	High
Reporter:	Abhilash V	**Assignee:**	Abhilash V

Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	User Feedback & Review
Sprint:	CBEM Sprint 1

[CBEM-23] As a user who has requested for an event, I must be assigned an employee who would manage the event for me. Created: 19/Jan/19 Updated: 04/Mar/19 Resolved: 04/Mar/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	High
Reporter:	Akshaya S	**Assignee:**	Akshaya S
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Request to conduct events
Sprint:	CBEM Sprint 1

Description

As a user who has requested the application to manage the event I want to conduct, I must be assigned an employee who would carry out the management and give me updates.

[CBEM-20] As a user I must be able to specify and schedule any type of event I want to conduct

Created: 19/Jan/19 Updated: 01/Mar/19 Resolved: 01/Mar/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	High
Reporter:	Akshaya S	**Assignee:**	Akshaya S
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Epic Link:	Request to conduct events
Sprint:	CBEM Sprint 1

Description

From the list of events that the company offers to manage, as a user I must be able to select the type of event that I'm planning to conduct. I must also be able to schedule the event on the day I want to conduct.

[CBEM-19] As a catering partner, I can register myself on the portal, to provide my catering services

Created: 19/Jan/19 Updated: 27/Feb/19 Resolved: 06/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	Uma Subbiah	**Assignee:**	Uma Subbiah
Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:	

Key	Summary	Type	Status	Assignee
CBEM-49	A way for service providers to register	Sub-task	Done	Uma Subbiah

Epic Link:	Food & Amenities
Sprint:	CBEM Sprint 1

Description

An employee can perform CRUD operations on a database storing details about our food, music, furniture and any additional entertainment partners.

[CBEM-12] As an accustomed user, I must be able to sign into my account using my username and password. Created: 18/Jan/19 Updated: 28/Feb/19 Resolved: 28/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	Akshaya S	**Assignee:**	Akshaya S
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining	Not Specified		

Estimate:	
Time Spent:	Not Specified
Original Estimate:	Not Specified

Epic Link:	Membership portal
Sprint:	CBEM Sprint 1

Description

As an accustomed user, I can use my username and password, as authorization, to sign into my personal account in the application at any time, to use its services.

[CBEM-11] As a new user, I should be able to sign up or register to use the services of the application. Created: 18/Jan/19 Updated: 25/Feb/19 Resolved: 25/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Highest
Reporter:	Akshaya S	**Assignee:**	Akshaya S
Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:	

Key	Summary	Type	Status	Assignee
CBEM-67	A startup page that asks the user if ...	Sub-task	Done	Akshaya S
CBEM-68	Registration page	Sub-task	Done	Akshaya S
CBEM-69	Account creation page	Sub-task	Done	Akshaya S
CBEM-70	As a newly registering user, my perso...	Sub-task	Done	Akshaya S

Epic Link:	Membership portal
Sprint:	CBEM Sprint 1

Description

As a new user, I must be able to sign up or register by giving my basic details like name, phone number, address, email id.
I should also be able to have my own account with my own username and password.
My personal account must be accessible by me anywhere using my credentials.

[CBEM-9] As an employee, I can facilitate the refund of money for a cancelled event and impose a fine if necessary

Created: 18/Jan/19 Updated: 22/Feb/19 Resolved: 22/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	High
Reporter:	Uma Subbiah	**Assignee:**	Uma Subbiah
Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified

Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:	

Key	Summary	Type	Status	Assignee
CBEM-21	As an employee, I can validate the re...	Sub-task	Done	Uma Subbiah
CBEM-22	As an employee, I can contact the ban...	Sub-task	Done	Uma Subbiah
CBEM-24	As an employee, I can impose a fine i...	Sub-task	Done	Uma Subbiah

Epic Link:	Event Cancellation
Sprint:	CBEM Sprint 1

Description

- An employee is capable of initiating the refund from the bank to the customer, if an event is cancelled.
- Refunding the money is subject to certain conditions, including a valid reason for cancellation and the cancellation must be done 3 working days before the event.
- A fine will be levied, depending on how far the event has progressed. Fine imposition rules will be declared before the fee is first paid.
- Cancellation of an event due to unforeseen circumstances will not be fined.

[CBEM-8] As an employee, I login to an 'Employee Portal', specially designed for employees

Created: 18/Jan/19 Updated: 27/Feb/19 Resolved: 13/Feb/19

Status:	Done
Project:	CSE B Event management
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	Uma Subbiah	**Assignee:**	Uma Subbiah

Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:

Key	Summary	Type	Status	Assignee
CBEM-50	Create a home page for the employee	Sub-task	Done	Uma Subbiah
CBEM-51	Create pages for the assigned events	Sub-task	Done	Uma Subbiah
CBEM-52	Create a social media link for each e...	Sub-task	Done	Uma Subbiah

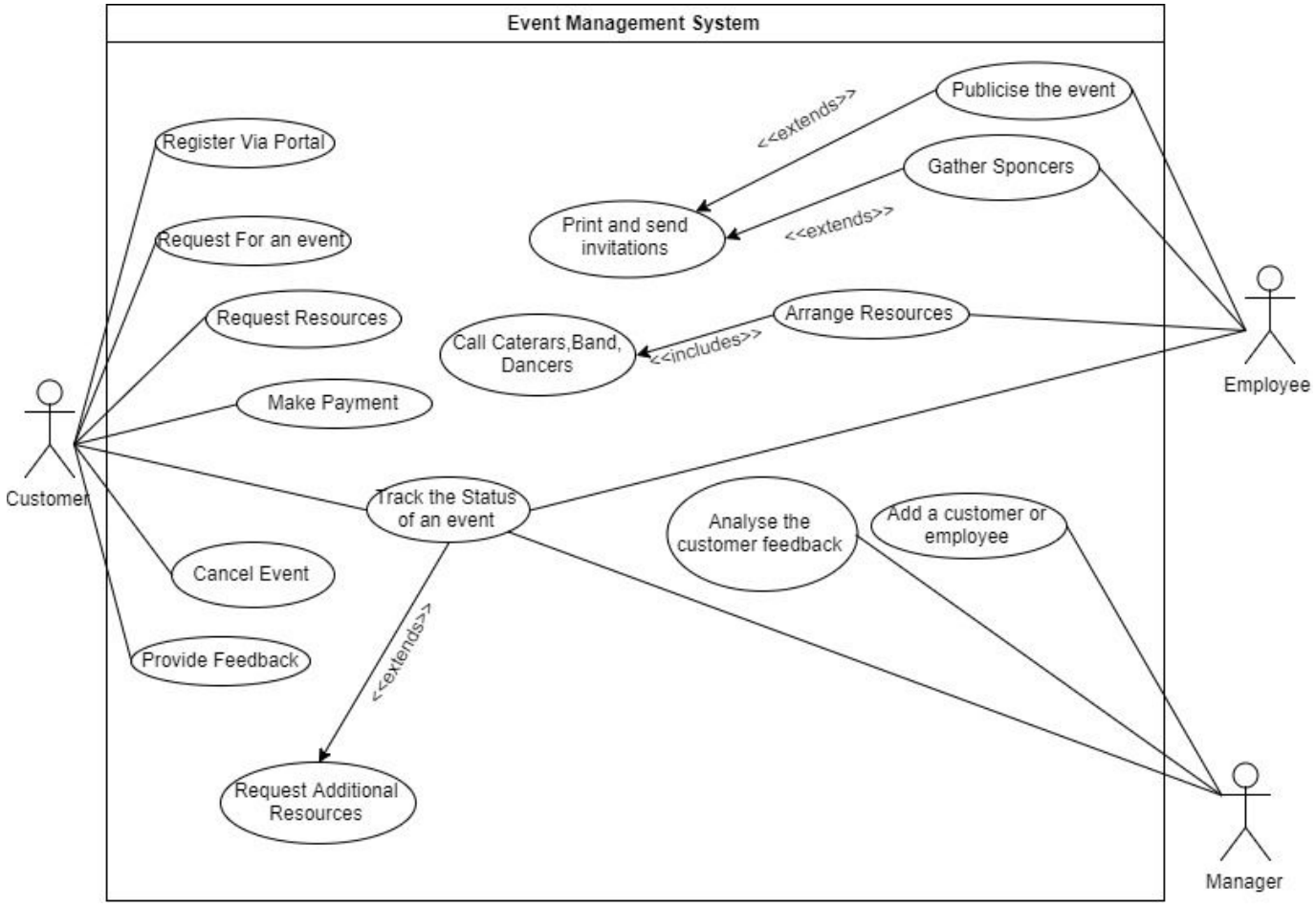
Epic Link:	Membership portal
Sprint:	CBEM Sprint 1

Description

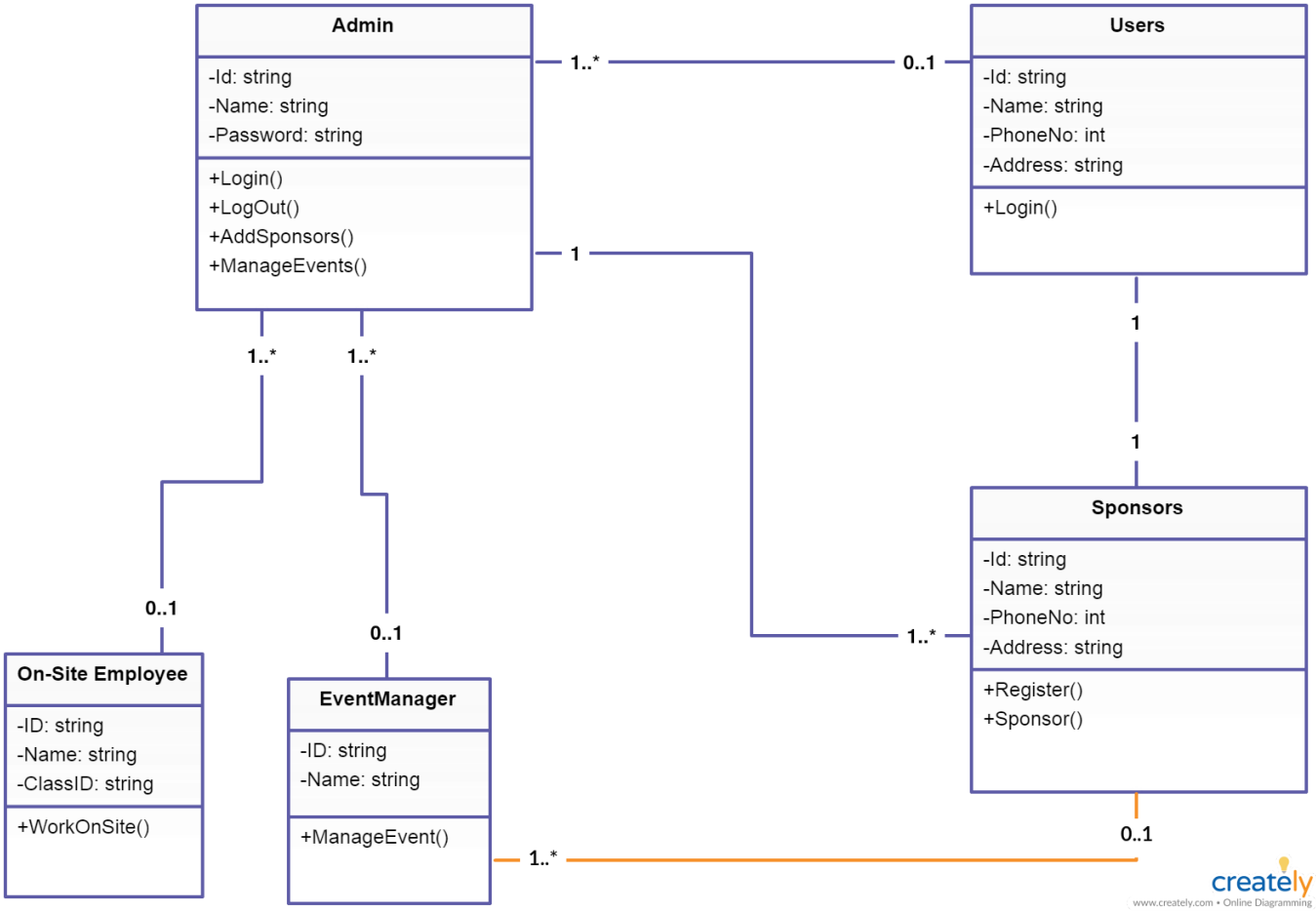
- An employee should be able to view events assigned to him/her, access confidential information about customers assigned to them, view the progress of their events and communicate with both customers, caterers and media partners easily.
- The portal will be connected to the underlying employee database.

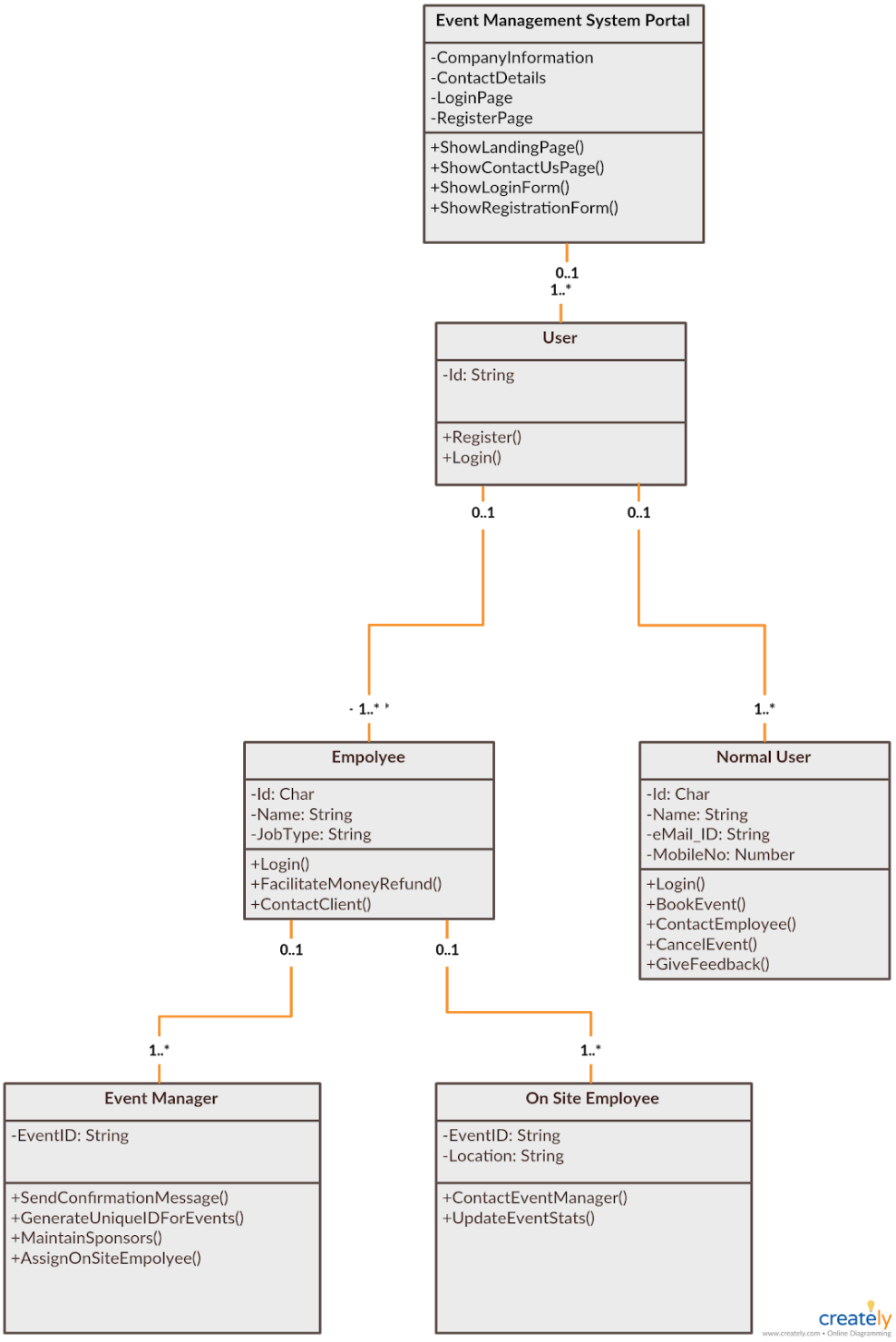
4. Diagrams

4.1 Use case diagram

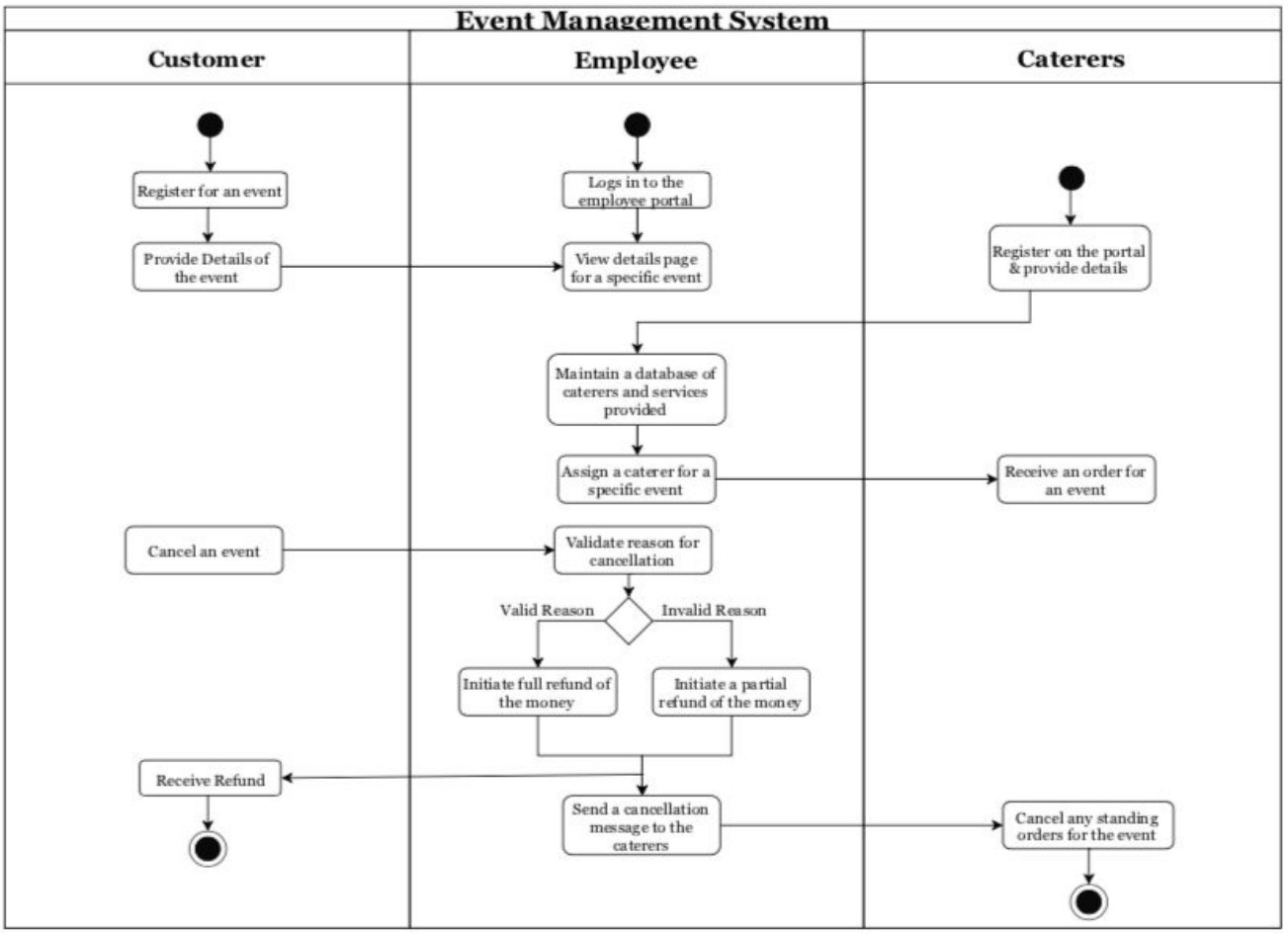


4.2 Class Diagram




Event Management System Portal
-CompanyInformation
-ContactDetails
-LoginPage
-RegisterPage
+ShowLandingPage()
+ShowContactUsPage()
+ShowLoginForm()
+ShowRegistrationForm()
0..1
1..*
User
-Id: String
+Register()
+Login()
0..1
0..1
- 1..* *
1..*
Empolyee
-Id: Char
-Name: String
-JobType: String
+Login()
+FacilitateMoneyRefund()
+ContactClient()
Normal User
-Id: Char
-Name: String
-eMail_ID: String
-MobileNo: Number
+Login()
+BookEvent()
+ContactEmployee()
+CancelEvent()
+GiveFeedback()
0..1
0..1
1..*
1..*
Event Manager
-EventID: String
+SendConfirmationMessage()
+GenerateUniqueIDForEvents()
+MaintainSponsors()
+AssignOnSiteEmpolyee()
On Site Employee
-EventID: String
-Location: String
+ContactEventManager()
+UpdateEventStats()
creately

4.3 Swimlane Diagram



5. Scrum Activities

5.1 Sprint 1 backlog

CBEM-65 **Analyze user reviews and maintain statistics about customer satisfaction for different events** ... User Feedback & Review 2	CBEM-36 **As an Event Manager,I should be able to generate and display receipt** Payment And Event Confirm 2
CBEM-37 **As an Event Manager,I should guarentee Secure Payment to customers using Secure Payment** ... Payment And Event Confirm 2	CBEM-42 **As an Event Manager,I should Request Sponsors** Sponsors 1
CBEM-15 **As a newly registering user, my phone number and email account has to be verified and validated.** Membership portal 2	CBEM-17 **As a user I must be able to delete my account from the application if I want to.** Membership portal 2

CBEM-33

As a user I must be aware and be able to conduct events based on preferences like food, place and ...

Request to conduct events

4

CBEM-14

As an employee assigned to an event, I can inform media partners, invite guests.

Publicising Event / Inviting G

3

CBEM-16

As an employee assigned to a particular event, I can generate invitation designs to be sent to the ...

Publicising Event / Inviting G

3

CBEM-18

As an employee assigned to an event, I can send requests to food caterers, music bands, interior furnishers anc ...

Food & Amenities

3

CBEM-56

Current Status

Tracking Event

2

CBEM-57

Request Additional Resources

Tracking Event

3

5.2 Sprint Retrospective

A sprint retrospective meeting was conducted on 21/02/2019 among the team members and scrum master after approving the product backlog user stories and the user stories collected for sprint 1 to the product manager during sprint 0 review. Since our user stories, estimates and priorities, for each user story, were approved by the product manager, we decided to go along with the user stories for sprint 1.

A second sprint retrospective meeting was conducted on 7/03/2019 among the team members and scrum master after displaying the prototype developed during sprint 1 to product manager during sprint 1 meeting. The feedback from the manager was collected and decided to be implemented in the upcoming sprint. All the user stories that were promised for sprint 1 were completed and the same goal of punctual and timely work was promised for sprint 2. Registration and login page email, phone number validations were asked to be implemented in the front end, rather than taking it to backend. These corrections were decided to be implemented along with the user stories in sprint 2.

5.3 Sprint 2 backlog

CBEM-31

Create a page for employees which has output of machine learning algorithms to provide the user with ...

Analysis of User Reviews 2

CBEM-32

Analyze revenue obtained and maintain statistics of amount spent and received by the company.

Analysis of User Reviews 3

CBEM-59

SOS Services

Tracking Event 2

CBEM-10

As an employee, I can inform associate partners about the cancellation of an event.

Event Cancellation 2

CBEM-61

Recording mail for future quality assesment

Customer Care 2

CBEM-62

Analysis of the stored conversation history

Customer Care 2

CBEM-13

As an employee, I can release employees and resources assigned to a cancelled event.

Event Cancellation 2

CBEM-30

Perform data analytics by application of machine learning algorithms on the obtained user feedback data set.

Analysis of User Reviews 2

6. Implementation

SERVER ENVIRONMENT USED: Node.js server

The Node.js framework can easily be used to create web servers which can serve content to users.There are a variety of modules such as the "http" and "request" module, which helps in processing server related requests in the web server space.

DATABASE USED: MSSQL

Microsoft SQL Server is built on top of SQL,a standardized programming language that database administrators and other IT professionals use to manage and query the data they contain.

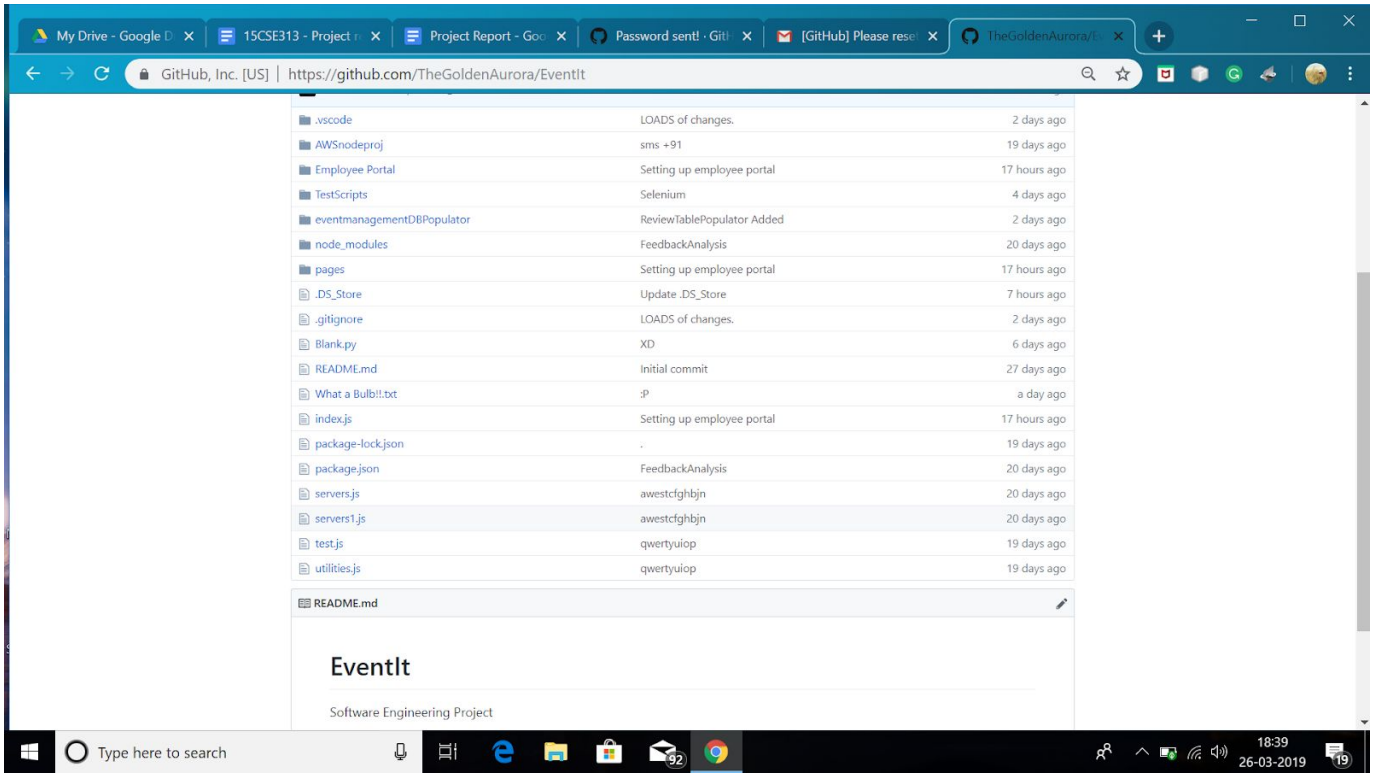
DATABASE HOST USED: Microsoft Azure SQL Database Student Edition

API's USED:

- **Node Modules:**
  - **MSSQL**
  - **AWS**
  - **ExpressJS**
  - **URL**
  - **FS (File System)**
  - **JSON**
  - **Formidable**

7. Sample Code

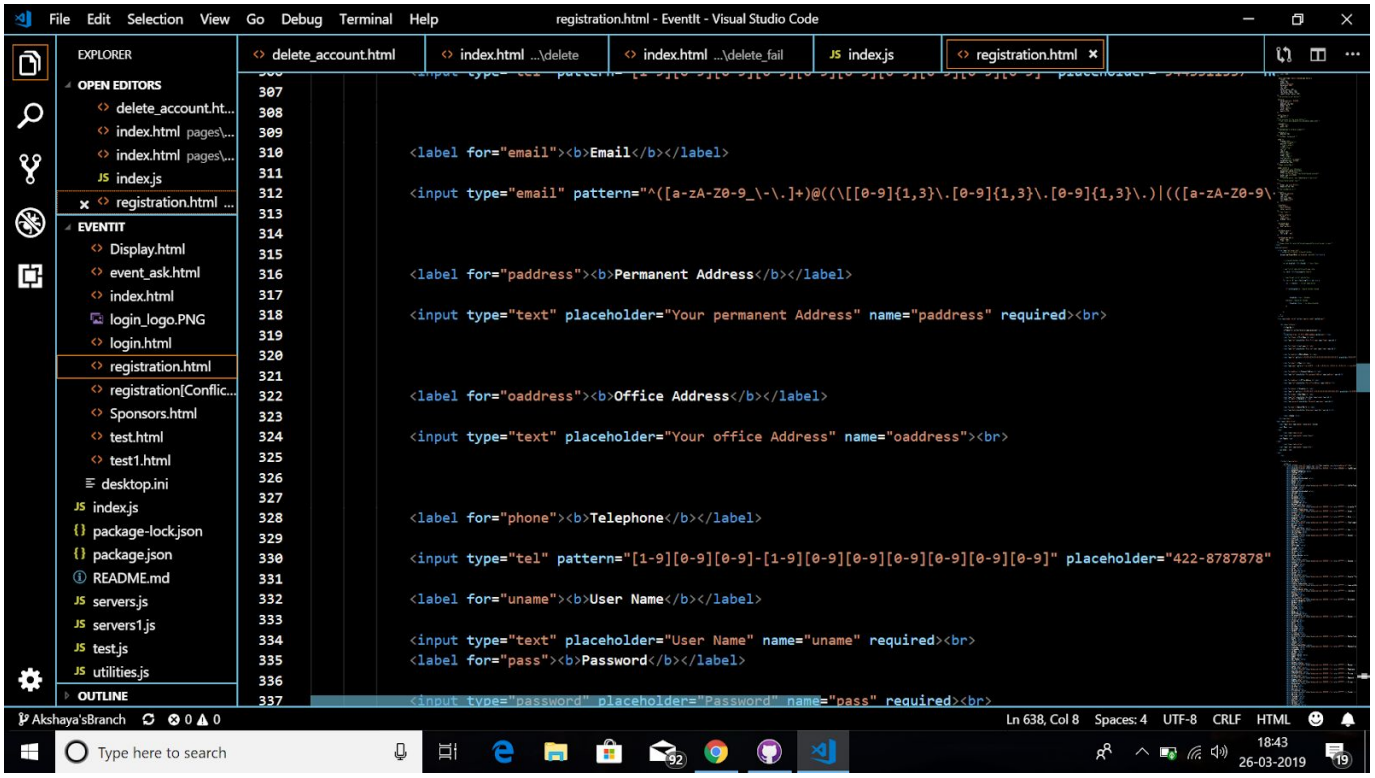
Our gitHub repository

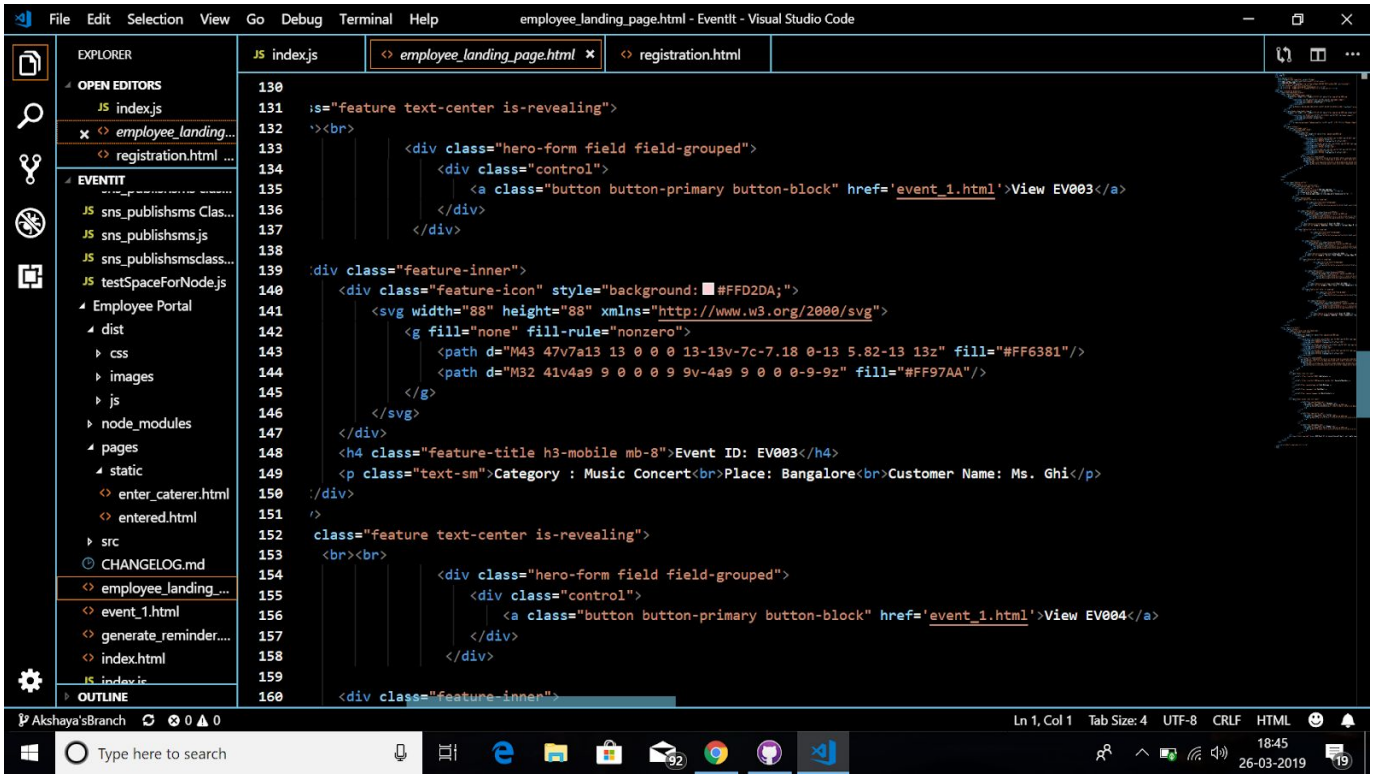


Sample code from index.js

```
214                 utils.MailSend(fields['email'], sendText);
215             });
216         });
217     } else if (method) IncomingForm.parse(req: IncomingMessage, callback?: (err: any, fields: Fields,
218         var f files: Files) => any): void
219         form.parse(req, function(err, fields, files) {
220             sql.connect(config, function(err) {
221                 var request = new sql.Request();
222                 request.input('mail', fields['email']);
223                 console.log("LOG: email : " + fields['email']);
224                 request.query("select password from customer where email=@mail;", function(err, result) {
225                     //console.log("LOG : Login query result : "+result);
226                     //console.log("LOG : Login query result : "+result["recordsets"][0][0].password);
227                     if (err) {
228                         console.log("!!!LOG: Error in query retrieval... : " + err);
229                         return;
230                     }
231                     sql.close();
232                     if (result["recordset"][0]["password"] == fields['password']) {
233                         res.write('<head><meta http-equiv="refresh" content="0; URL=/customer_ui/clanding.html" /></h
234                         res.end();
235                         return;
236                     }
237                 });
238             });
239         });
240     } else if (q.pathname == '/regsuccess') {
241         fs.readFile('./pages/static/RegSuccess/index.html', function(err, data) {
242             if (err) throw err;
243             var st = data.toString();
244             res.write(st);
```

```
151             res.end();
152             return;
153         });
154     } else if (q.pathname == '/review/submit') {
155         var form = new formidable.IncomingForm();
156         form.parse(req, function(err, fields, files) {
157             sql.connect(config, function(err) {
158                 var request = new sql.Request();
159                 request.input('eventID', parseInt(fields['eventID']));
160                 request.input('name', fields['name']);
161                 request.input('email', fields['email']);
162                 request.input('overallexp', parseInt(fields['overallexp']));
163                 request.input('managerbehaviour', parseInt(fields['managerbehaviour']));
164                 request.input('foodrating', parseInt(fields['foodrating']));
165                 request.input('entertainmentrating', parseInt(fields['entertainmentrating']));
166                 request.input('futurebookingpreference', parseInt(fields['futurebookingpreference']));
167                 request.input('additionalcomments', fields['message']);
168                 request.query("insert into review(eventID,overallExp,managerbehaviour,foodrating,entertainmentrating,futu
169                     console.log('LOG : futurebookingpref .. :' + fields['futurebookingpreference']);
170                     if (err) {
171                         console.log(err.toString());
172                         res.end();
173                         return;
174                     }
175                     console.log("LOG: query result" + result);
176                     //console.log(fields['fname'] + " " + fields['lname'] + "\n" + err);
177                     sql.close();
178                     res.write('<head><meta http-equiv="refresh" content="0; URL=http://localhost:8080/reviewsuccess" />
179                     res.end();
180                     return;
181                 });
```


registration.html - EventIt - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER
OPEN EDITORS
delete_account.html
index.html ...\delete
index.html ...\delete_fail
index.js
registration.html
EVENTIT
Display.html
event_ask.html
index.html
login_logo.PNG
login.html
registration.html
registration[Conflic...
Sponsors.html
test.html
test1.html
desktop.ini
index.js
package-lock.json
package.json
README.md
servers.js
servers1.js
test.js
utilities.js
OUTLINE
<label for="email">Email</label>
<input type="email" pattern="^([a-zA-Z0-9_\-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\
<label for="paddress">Permanent Address</label>
<input type="text" placeholder="Your permanent Address" name="paddress" required>
<label for="oaddress">Office Address</label>
<input type="text" placeholder="Your office Address" name="oaddress">
<label for="phone">Telephone</label>
<input type="tel" pattern="[1-9][0-9][0-9]-[1-9][0-9][0-9][0-9][0-9][0-9][0-9]" placeholder="422-8787878"
<label for="uname">User Name</label>
<input type="text" placeholder="User Name" name="uname" required>
<label for="pass">Password</label>
<input type="password" placeholder="Password" name="pass" required>
Akshaya'sBranch
Ln 638, Col 8 Spaces: 4 UTF-8 CRLF HTML
Type here to search
18:43
26-03-2019


employee_landing_page.html - EventIt - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER
OPEN EDITORS
index.js
employee_landing...
registration.html
EVENTIT
sns_publishsms Clas...
sns_publishsms.js
sns_publishsmsclass...
testSpaceForNode.js
Employee Portal
dist
css
images
js
node_modules
pages
static
enter_caterer.html
entered.html
src
CHANGELOG.md
employee_landing_...
event_1.html
generate_reminder....
index.html
OUTLINE

<a class="button button-primary button-block" href='event_1.html'>View EV003</a>

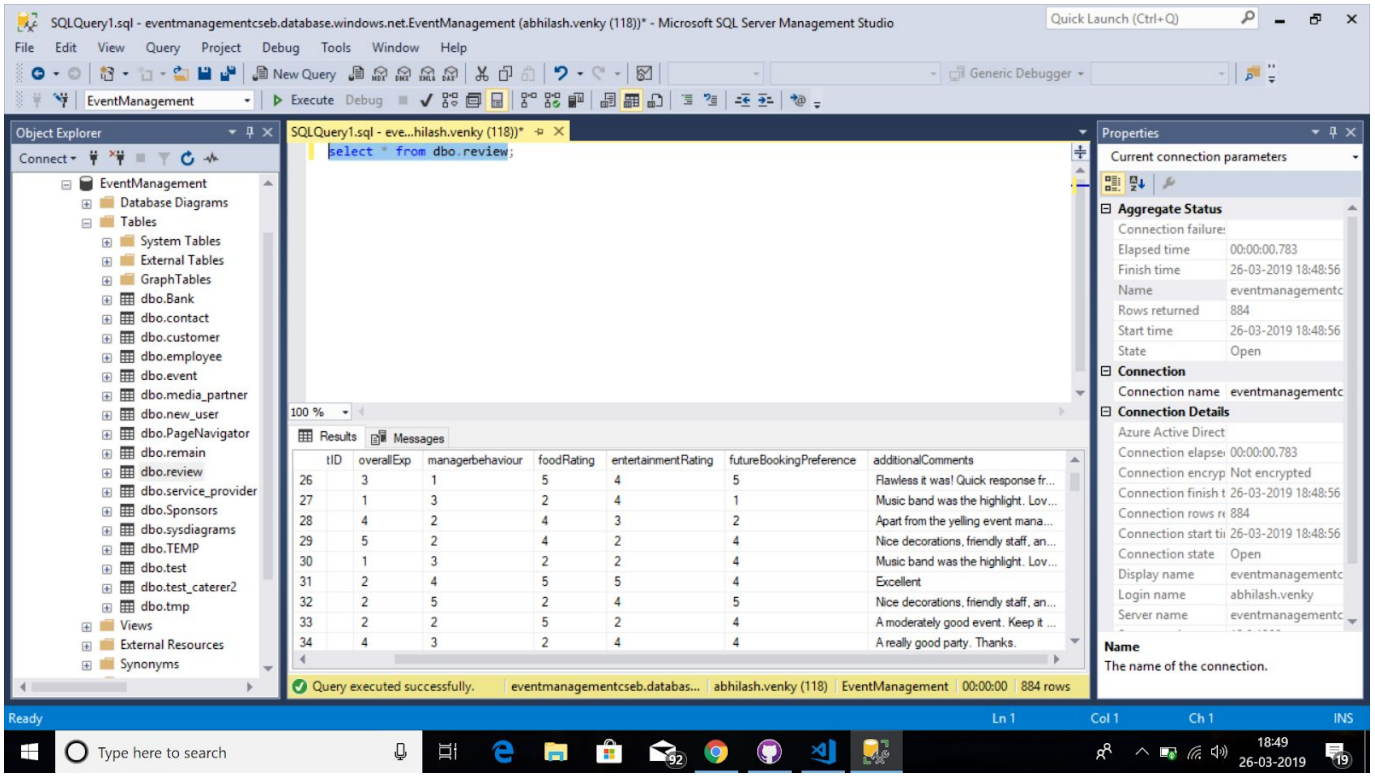
<svg width="88" height="88" xmlns="http://www.w3.org/2000/svg">
<g fill="none" fill-rule="nonzero">
<path d="M43 47v7a13 13 0 0 0 13-13v-7c-7.18 0-13 5.82-13 13z" fill="#FF6381"/>
<path d="M32 41v4a9 9 0 0 0 9 9v-4a9 9 0 0 0 0-9-9z" fill="#FF97AA"/>
</g>
</svg>

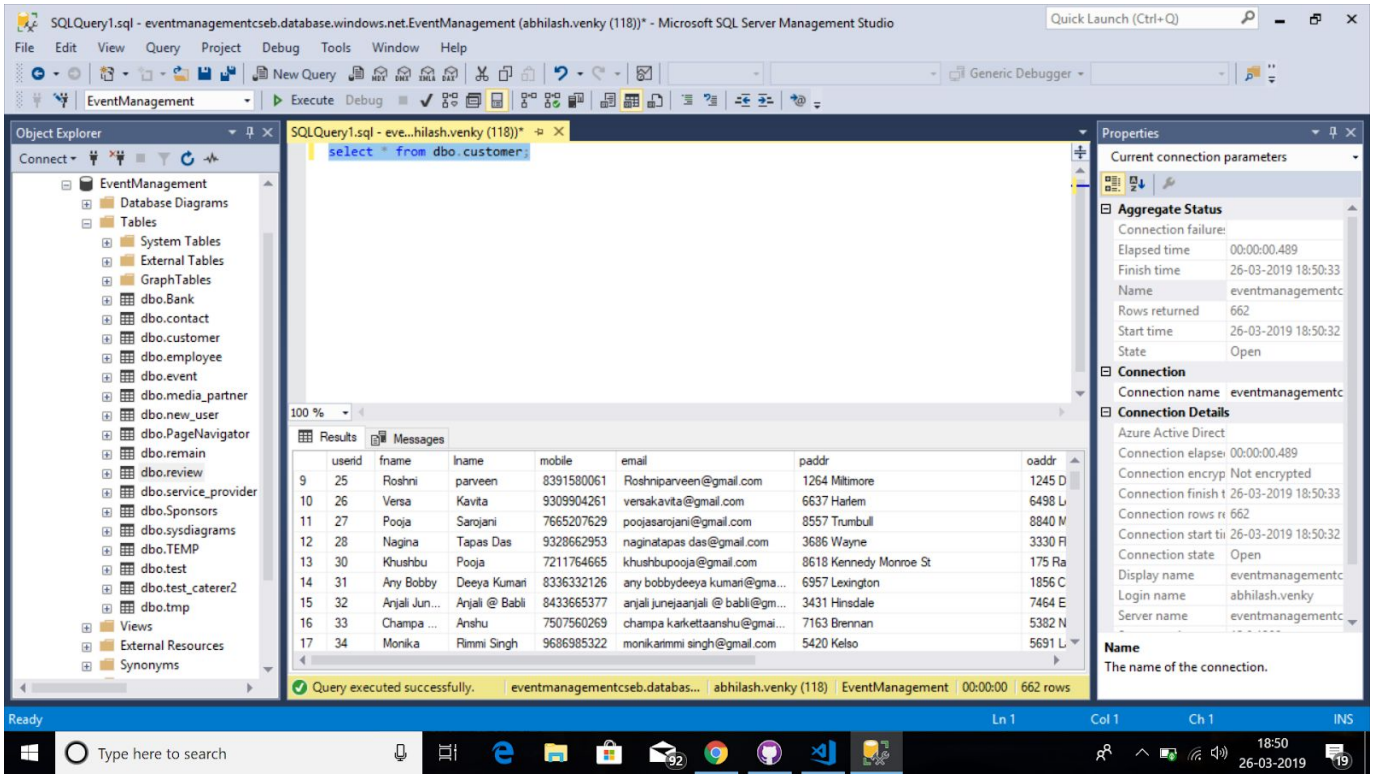
<h4 class="feature-title h3-mobile mb-8">Event ID: EV003</h4>
Category : Music Concert
Place: Bangalore
Customer Name: Ms. Ghi

<a class="button button-primary button-block" href='event_1.html'>View EV004</a>

Akshaya'sBranch
Ln 1, Col 1 Tab Size: 4 UTF-8 CRLF HTML
Type here to search
18:45
26-03-2019

Microsoft SQL Server Management Studio





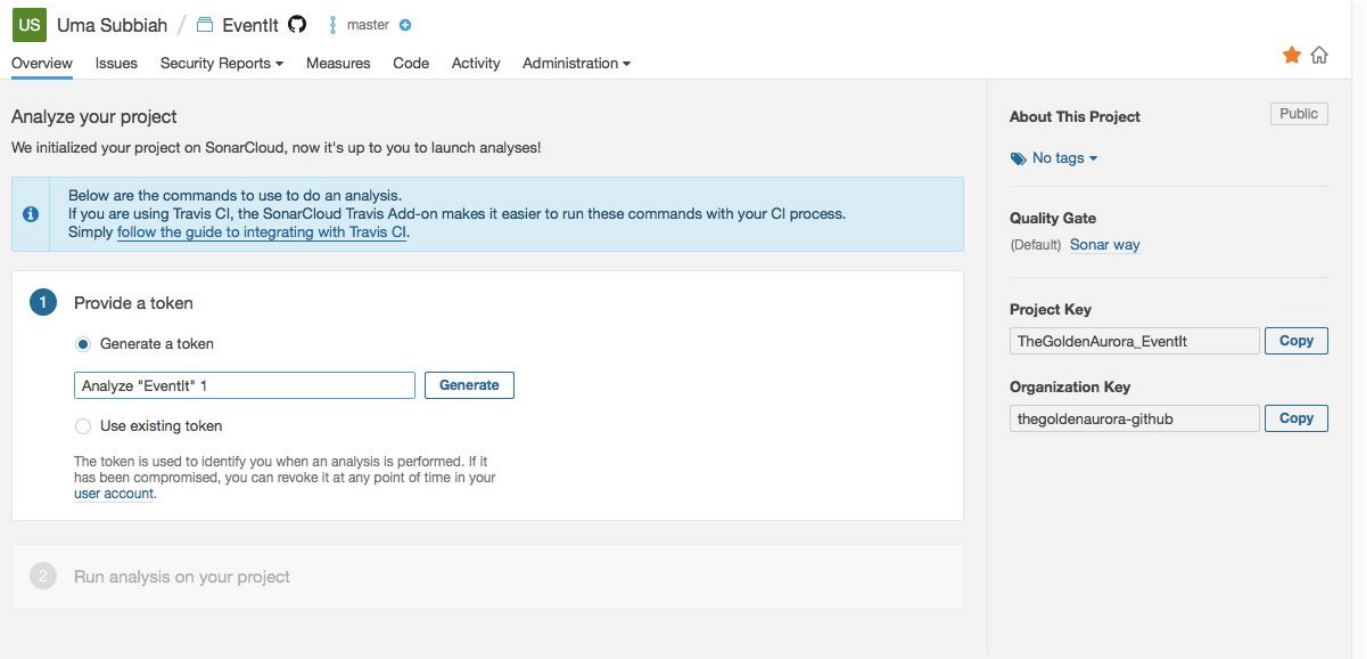
8. Software Engineering Tools Used

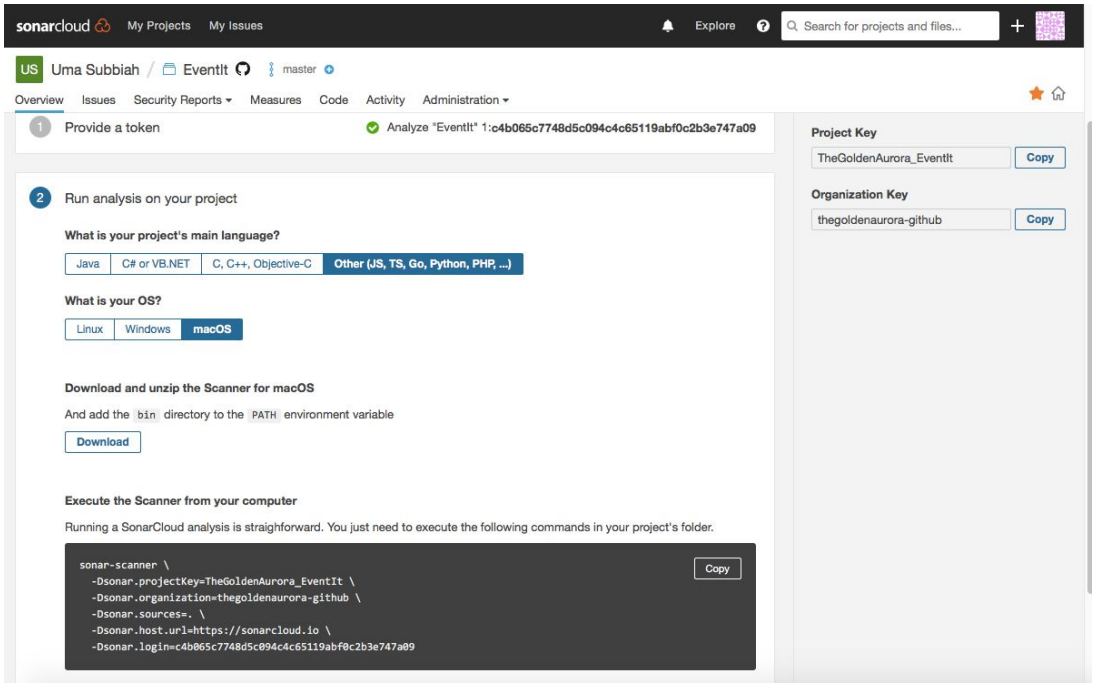
8.1 Static Code analysis (SonarQube)

8.1.1 Screenshots/report of the scanning results

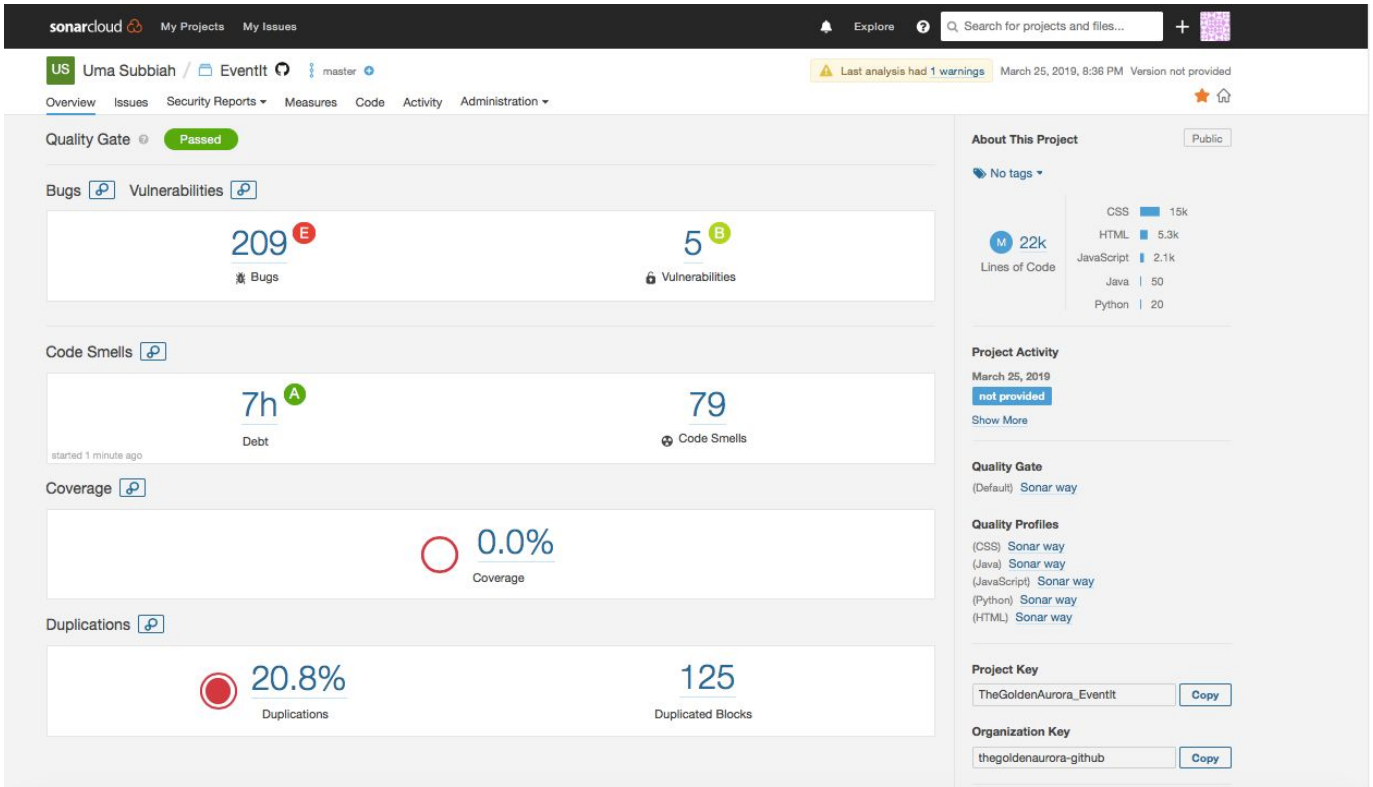
We used the cloud based implementation of SonarQube, called SonarCloud

First, we created an account to integrate with our project that was continuously updated on the Github platform. Since we used continuous deployment, it was easy to apply SonarQube on the project.





It asks for the platform and language used for the project.



Our final dashboard reports no bugs/errors that need to be fixed.

8.1.2 Actions taken

I executed the code that the platform suggested. The output:

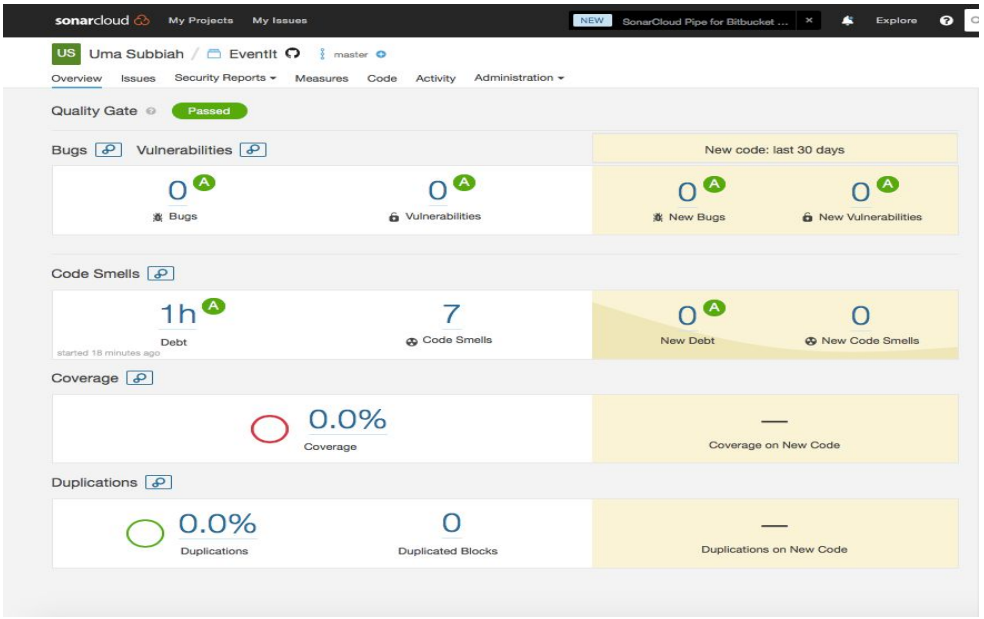
```
MacBook-Air-3:EventIt umasubbiah$ sonar-scanner   -Dsonar.projectKey=TheGoldenAurora_EventIt   -Dsonar.organization=thegoldenaurora-github   -Dsonar.sources=.   -Dsonar.host.url=http
s://sonarcloud.io   -Dsonar.login=25322e1fd266feb008edef48378f5ca0847dba43  -Dsonar.cfamily.build-wrapper-output
INFO: Scanner configuration file: /usr/sonarqube/conf/sonar-scanner.properties
INFO: Project root configuration file: NONE
INFO: SonarQube Scanner 3.3.0.1492
INFO: Java 1.8.0_121 Oracle Corporation (64-bit)
INFO: Mac OS X 10.13.6 x86_64
INFO: User cache: /Users/umasubbiah/.sonar/cache
INFO: SonarQube server 7.7.0
INFO: Default locale: "en_US", source code encoding: "UTF-8" (analysis is platform dependent)
INFO: Load global settings
INFO: Load global settings (done) | time=840ms
INFO: Server id: BD367519-AWHW8ct9-T_TB3XqouNu
INFO: User cache: /Users/umasubbiah/.sonar/cache
INFO: Load/download plugins
INFO: Load plugins index
INFO: Load plugins index (done) | time=188ms
INFO: Load/download plugins (done) | time=396ms
INFO: Loaded core extensions: developer-scanner
INFO: Process project properties
INFO: Execute project builders
INFO: Execute project builders (done) | time=5ms
INFO: Project key: TheGoldenAurora_EventIt
INFO: Base dir: /Users/umasubbiah/Documents/GitHub/EventIt
INFO: Working dir: /Users/umasubbiah/Documents/GitHub/EventIt/.scannerwork
INFO: Load project settings for component key: 'TheGoldenAurora_EventIt'
INFO: Load project settings for component key: 'TheGoldenAurora_EventIt' (done) | time=172ms
INFO: Load project branches
INFO: Load project branches (done) | time=154ms
INFO: Load project pull requests
INFO: Load project pull requests (done) | time=148ms
INFO: Load branch configuration
INFO: Load branch configuration (done) | time=3ms
INFO: Load project repositories
INFO: Load project repositories (done) | time=188ms
INFO: Load quality profiles
INFO: Load quality profiles (done) | time=172ms
INFO: Load active rules
INFO: Load active rules (done) | time=4565ms
INFO: Organization key: thegoldenaurora-github
INFO: Indexing files...
INFO: Project configuration:
INFO: 9288 files indexed
INFO: Quality profile for abap: Sonar way
INFO: Quality profile for c: Sonar way
INFO: Quality profile for cpp: Sonar way
INFO: Quality profile for cs: Sonar way
INFO: Quality profile for css: Sonar way
INFO: Quality profile for java: Sonar way
INFO: Quality profile for js: Sonar way
INFO: Quality profile for py: Sonar way
INFO: Quality profile for ruby: Sonar way
```

```
INFO: Sensor AbapSquidSensor [abap] (done) | time=439ms
INFO: 27/27 source files have been analyzed
INFO: Sensor C# [csharp]
INFO: Sensor C# [csharp] (done) | time=3ms
INFO: Sensor CFamily [cpp]
INFO: Using build-wrapper output: /Users/umasubbiah/Documents/GitHub/EventIt/true/build-wrapper-dump.json
INFO: Available processors: 4
INFO: Using 1 thread for analysis according to value of "sonar.cfamily.threads" property.
WARN: Metric 'comment_lines_data' is deprecated. Provided value is ignored.
INFO: ------------------------------------------------------------------------
INFO: EXECUTION FAILURE
INFO: ------------------------------------------------------------------------
INFO: Total time: 1:33.592s
INFO: Final Memory: 72M/859M
INFO: ------------------------------------------------------------------------
ERROR: Error during SonarQube Scanner execution
ERROR: java.nio.file.NoSuchFileException: /Users/umasubbiah/Documents/GitHub/EventIt/true/build-wrapper-dump.json
ERROR: Caused by: /Users/umasubbiah/Documents/GitHub/EventIt/true/build-wrapper-dump.json
ERROR:
ERROR: Re-run SonarQube Scanner using the -X switch to enable full debug logging.
```

The static code analysis revealed an error in the execution of our code. We resolved the error and re-run the code, with debugging mode on.

```
EventIt — -bash — 182×55
MacBook-Air-3:EventIt umasubbiah$ sonar-scanner   -Dsonar.projectKey=TheGoldenAurora_EventIt   -Dsonar.organization=thegoldenaurora-github   -Dsonar.sources=.   -Dsonar.host.url=http
s://sonarcloud.io   -Dsonar.login=25322e1fd266feb008edef48378f5ca0847dba43 -X    -Dsonar.cfamily.build-wrapper-output
22:16:35.201 INFO: Scanner configuration file: /usr/sonarqube/conf/sonar-scanner.properties
22:16:35.218 INFO: Project root configuration file: NONE
22:16:35.286 INFO: SonarQube Scanner 3.3.0.1492
22:16:35.287 INFO: Java 1.8.0_121 Oracle Corporation (64-bit)
22:16:35.287 INFO: Mac OS X 10.13.6 x86_64
22:16:35.793 DEBUG: keyStore is :
22:16:35.793 DEBUG: keyStore type is : jks
22:16:35.793 DEBUG: keyStore provider is :
22:16:35.793 DEBUG: init keystore
22:16:35.795 DEBUG: init keymanager of type SunX509
22:16:36.049 DEBUG: Create: /Users/umasubbiah/.sonar/cache
22:16:36.053 INFO: User cache: /Users/umasubbiah/.sonar/cache
22:16:36.053 DEBUG: Create: /Users/umasubbiah/.sonar/cache/_tmp
22:16:36.056 DEBUG: Extract sonar-scanner-api-batch in temp...
22:16:36.085 DEBUG: Get bootstrap index...
22:16:36.085 DEBUG: Download: https://sonarcloud.io/batch/index
22:16:37.116 DEBUG: Get bootstrap completed
22:16:37.141 DEBUG: Create isolated classloader...
22:16:37.161 DEBUG: Start temp cleaning...
22:16:37.180 DEBUG: Temp cleaning done
22:16:37.181 DEBUG: Execution getVersion
22:16:37.191 INFO: SonarQube server 7.7.0
22:16:37.193 INFO: Default locale: "en_US", source code encoding: "UTF-8" (analysis is platform dependent)
22:16:37.195 DEBUG: Work directory: /Users/umasubbiah/Documents/GitHub/EventIt/.scannerwork
22:16:37.197 DEBUG: Execution execute
22:16:38.153 INFO: Load global settings
22:16:39.065 DEBUG: GET 200 https://sonarcloud.io/api/settings/values.protobuf | time=871ms
22:16:39.169 INFO: Load global settings (done) | time=1020ms
22:16:39.182 INFO: Server id: BD367519-AWHW8ct9-T_TB3XqouNu
22:16:39.236 INFO: User cache: /Users/umasubbiah/.sonar/cache
22:16:39.241 INFO: Load/download plugins
22:16:39.241 INFO: Load plugins index
22:16:39.396 DEBUG: GET 200 https://sonarcloud.io/api/plugins/installed | time=155ms
22:16:39.516 INFO: Load plugins index (done) | time=275ms
22:16:39.780 INFO: Load/download plugins (done) | time=539ms
22:16:40.055 DEBUG: Plugins:
22:16:40.055 DEBUG:   * SonarCSS 1.0.3.724 (cssfamily)
22:16:40.055 DEBUG:   * SonarPLSQL 3.4.1.2676 (plsql)
22:16:40.056 DEBUG:   * SonarScala 1.4.0.155 (sonarscala)
22:16:40.056 DEBUG:   * SonarC# 7.11.0.8083 (csharp)
22:16:40.056 DEBUG:   * Vulnerability Analysis 7.6.0.3134 (security)
22:16:40.056 DEBUG:   * SonarJava 5.11.0.17289 (java)
22:16:40.056 DEBUG:   * SonarHTML 3.1.0.1615 (web)
22:16:40.056 DEBUG:   * SonarFlex 2.4.0.1222 (flex)
22:16:40.056 DEBUG:   * SonarXML 2.0.1.2020 (xml)
22:16:40.057 DEBUG:   * SonarTS 1.9.0.3766 (typescript)
22:16:40.057 DEBUG:   * SonarVB 7.11.0.8083 (vbnet)
22:16:40.057 DEBUG:   * SonarSwift 4.1.0.3087 (swift)
22:16:40.057 DEBUG:   * SonarCFamily 6.1.0.11021 (cpp)
22:16:40.057 DEBUG:   * SonarPython 1.13.0.2922 (python)
22:16:40.057 DEBUG:   * JaCoCo 1.0.1.143 (jacoco)
22:16:40.057 DEBUG:   * Mercurial 1.1.2 (scmmercurial)
22:16:40.057 DEBUG:   * SonarGo 1.1.0.1612 (go)
```

The output is shown below:



8.1.3 Any additional details

- Static code analysis is done without any execution of the code.
- It aims to find bugs and errors in the code by mere examination of the code.
- SonarQube is one of the most used static code analyzers today.
- It analyses a project/repository line by line, depending on the language and/or platform used. It then brings a list of bugs and errors in the code.
- After fixing the bugs, the developer can re-run the tool, to ensure that all bugs have been resolved.
- Since this tool is a cloud-based implementation, it uses a key-authentication factor as well.

8.2 Automated Testing (Selenium)

We've used Selenium for Web Browser Automation and testing.

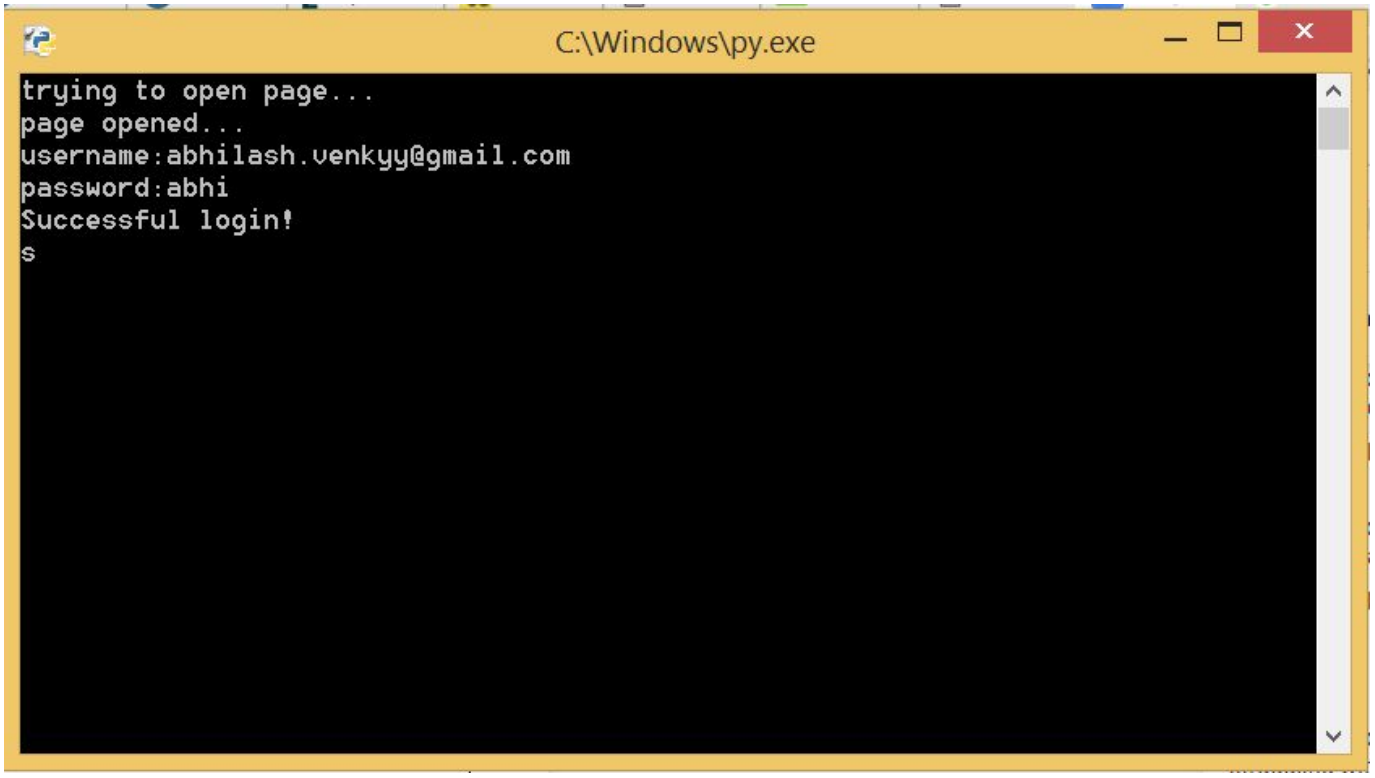
First, we installed necessary drivers/modules required by selenium to run (on python). Then we manually wrote the code for a tool which automatically opens up a web browser and attempts to login to our customer landing page.

eventLoginTest.py - D:\Downloads\SEProject\EventIt0.1\TestScripts\eventLoginTest.py (3.5.1)

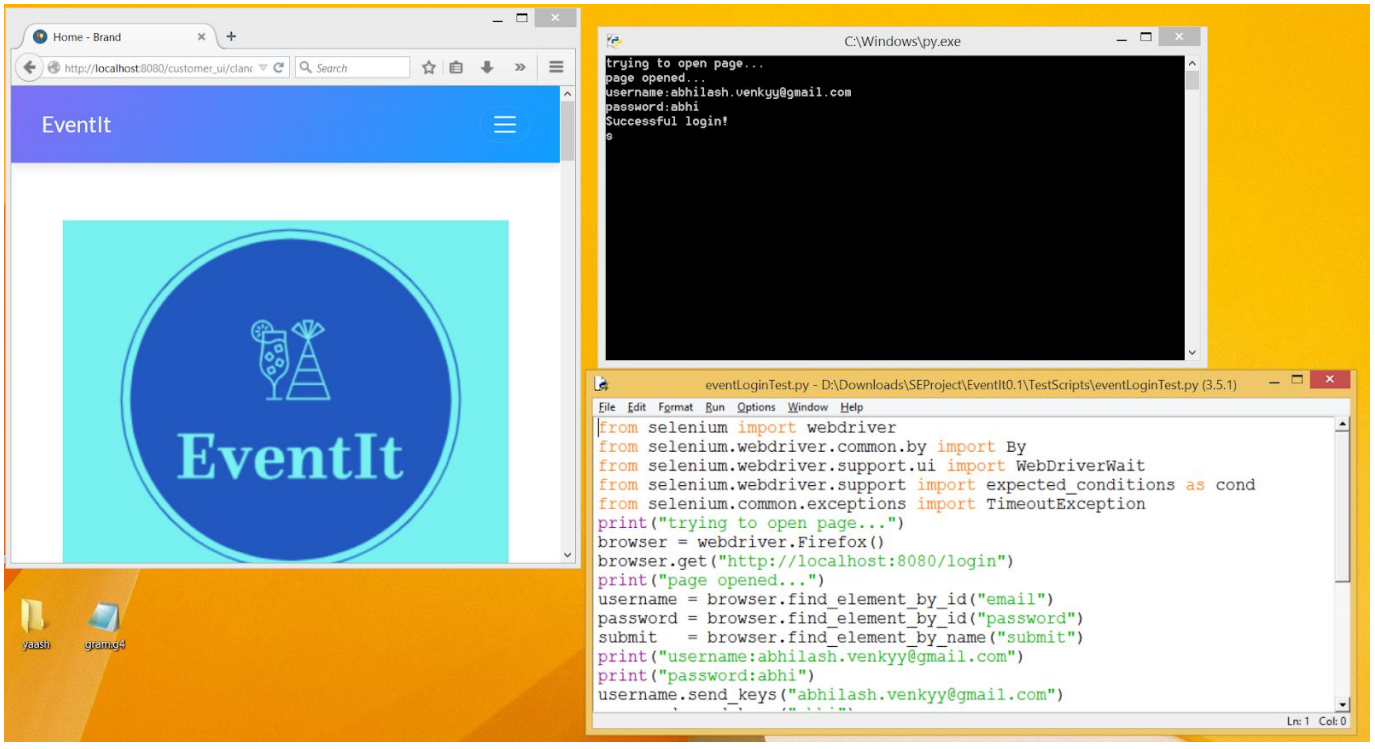
File Edit Format Run Options Window Help

```
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as cond
from selenium.common.exceptions import TimeoutException
print("trying to open page...")
browser = webdriver.Firefox()
browser.get("http://localhost:8080/login")
print("page opened...")
username = browser.find_element_by_id("email")
password = browser.find_element_by_id("password")
submit   = browser.find_element_by_name("submit")
print("username:abhilash.venkyy@gmail.com")
print("password:abhi")
username.send_keys("abhilash.venkyy@gmail.com")
password.send_keys("abhi")

submit.click()

try:
    # Wait as long as required, or maximum of 10 sec for alert to appear
    WebDriverWait(browser,10).until(cond.title_is("Home - Brand"))
    print ("Successful login!")
except TimeoutException:
    print("Loading timeout expired")
input()
```

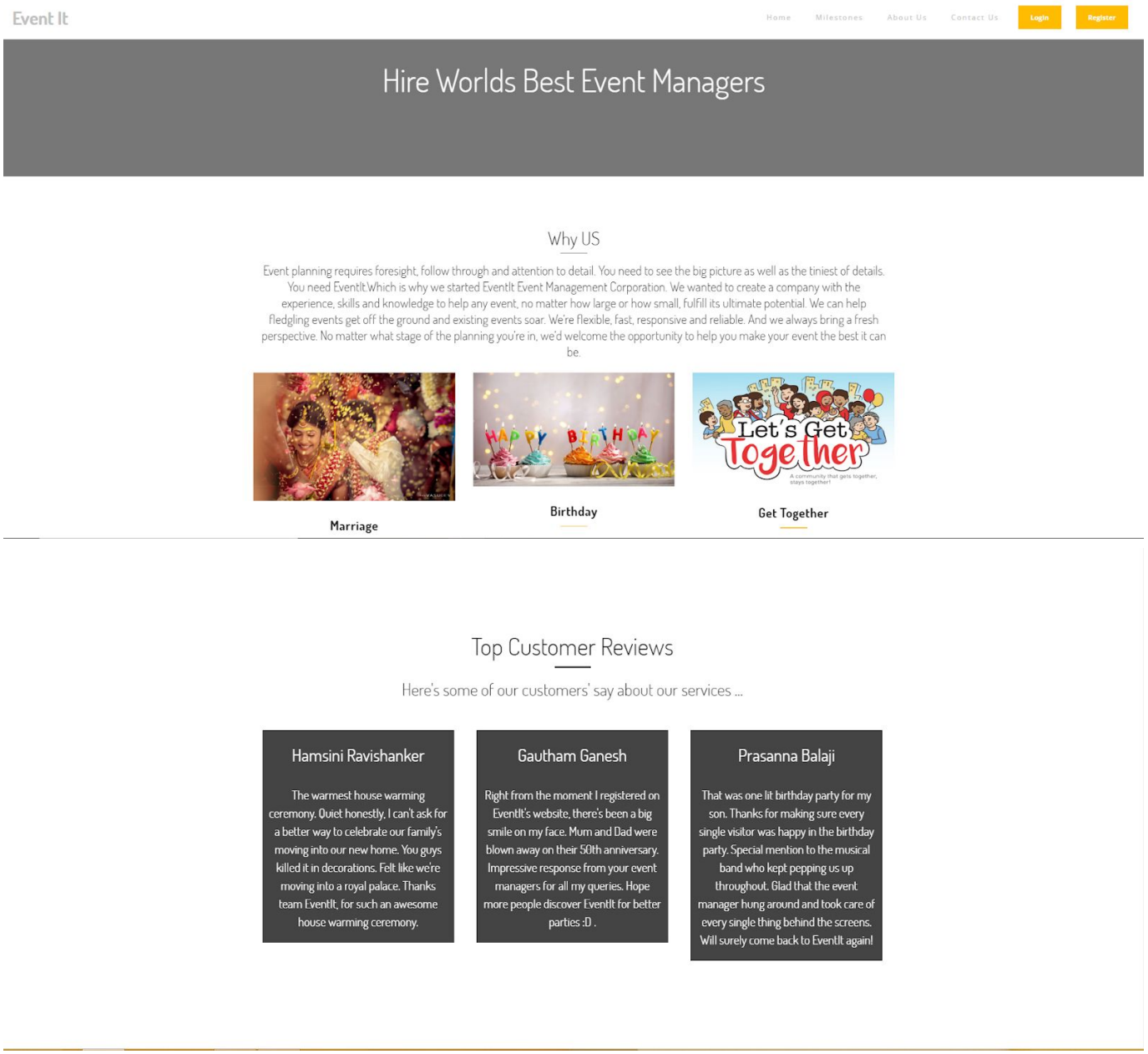
Based on the correctness of the username and password, and the status of our backend DB servers, the automated login either succeeds or fails.

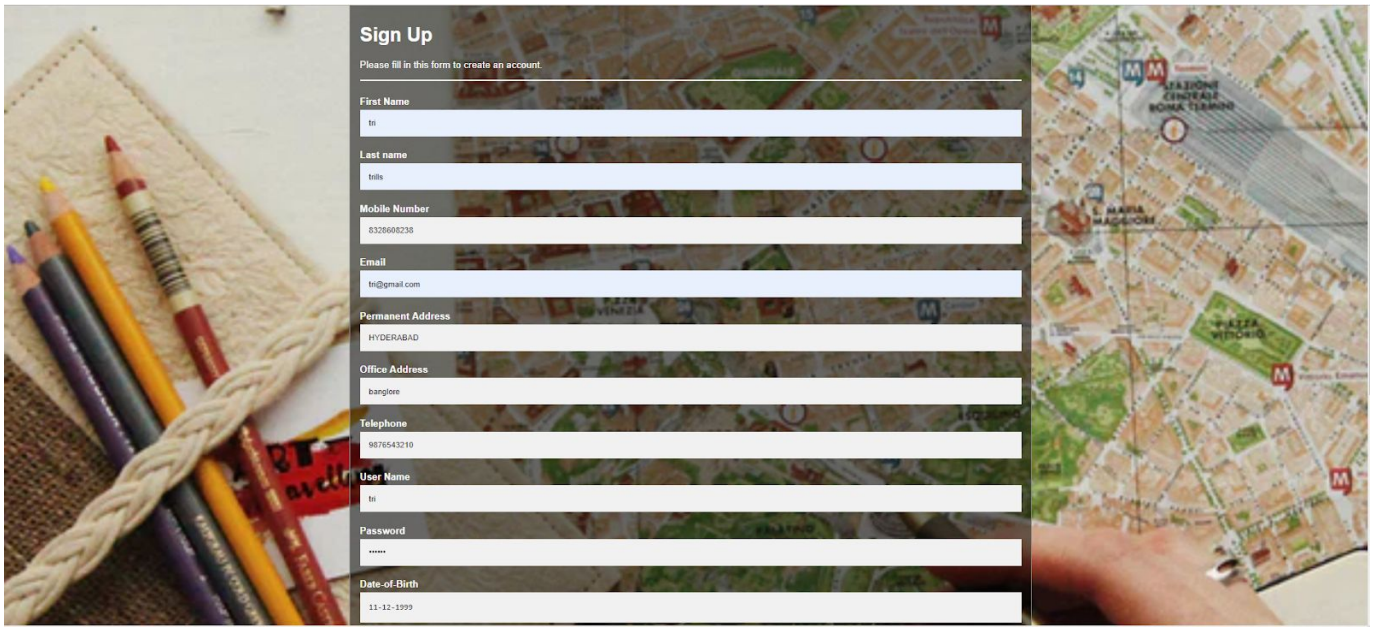


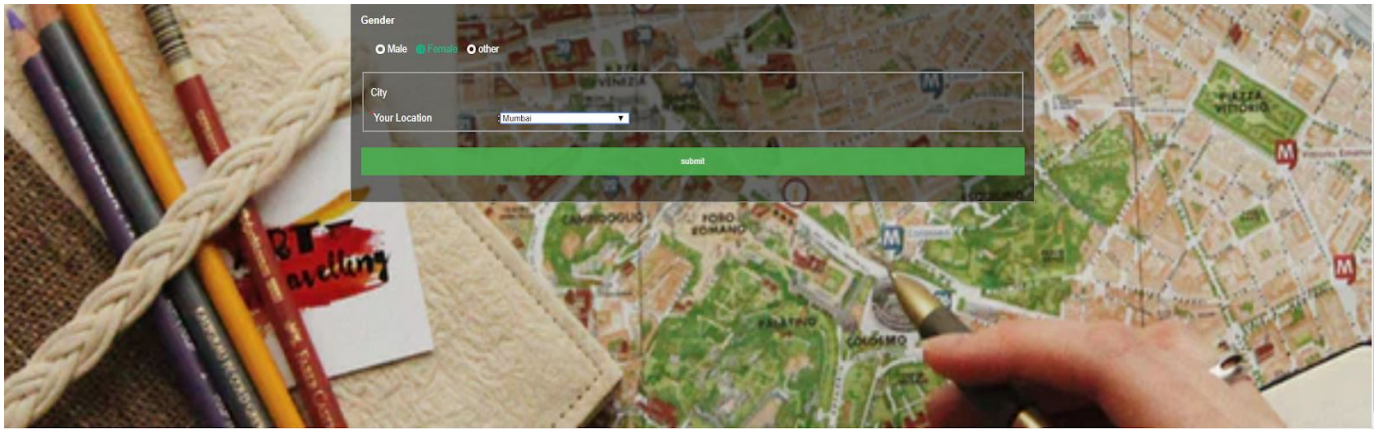
We were able to use this automated testing tool to make sure the web application works correctly for every change in code we made. It saved a lot of time and effort by giving feedback about successful login from which we inferred the health and up-time of our backend servers.

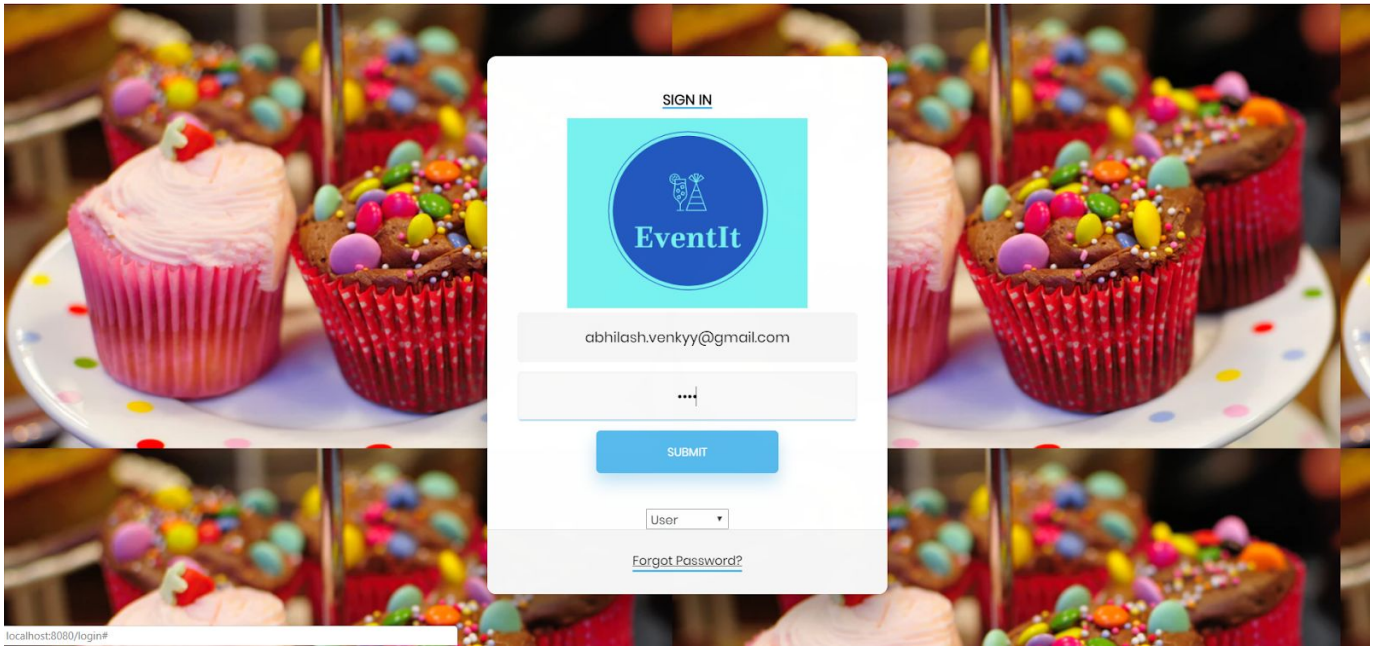


9. Screenshots:




Sign Up
Please fill in this form to create an account.
First Name
tri
Last name
trills
Mobile Number
8328608238
Email
tri@gmail.com
Permanent Address
HYDERABAD
Office Address
banglore
Telephone
9876543210
User Name
tri
Password
Date-of-Birth
11-12-1999


Gender
Male
Female
other
City
Your Location
Mumbai
submit


SIGN IN
EventIt
abhilash.venkyy@gmail.com
SUBMIT
User
Forgot Password?
localhost:8080/login#

SPECIAL SKILLS

Party planners

We plan your parties from the food to the decorations. Spoiler alert! We customize only the best for you. <3

Wedding planners

Found a soulmate? Let's get married. We collaborate with the industry's best wedding planners to plan your special day. :)

Workshops too!

Want to share your knowledge through a workshop. Let us know. We'll make sure your knowledge is permeated to all the interested ones.

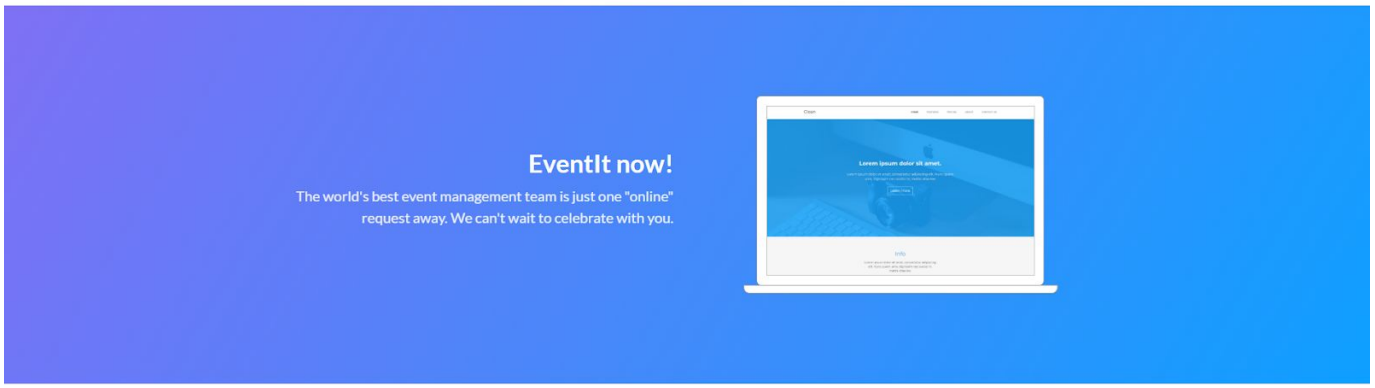
EventIt

Home Events Invite Customers Feedback Log out

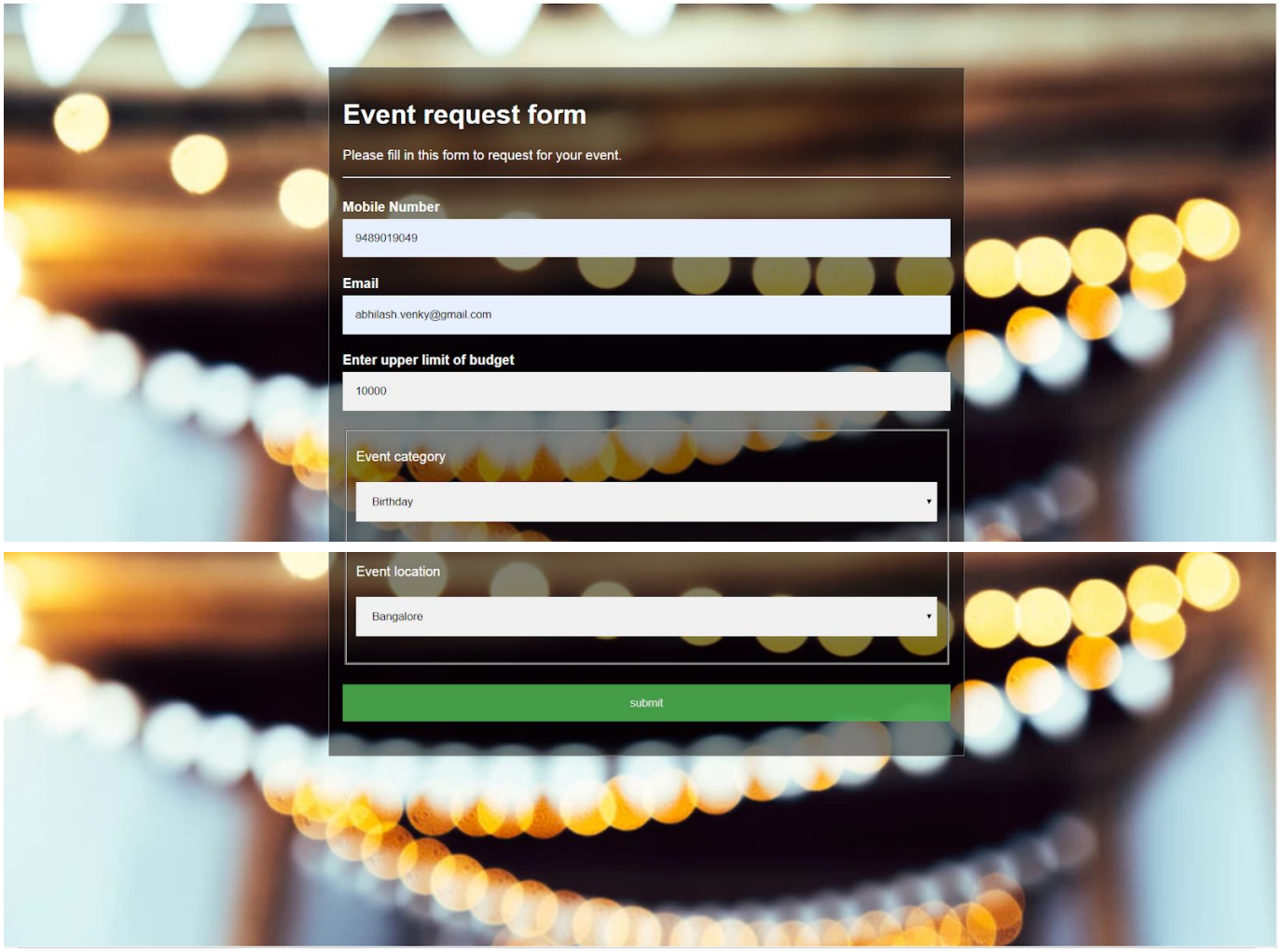
Have something on mind? EventIt!

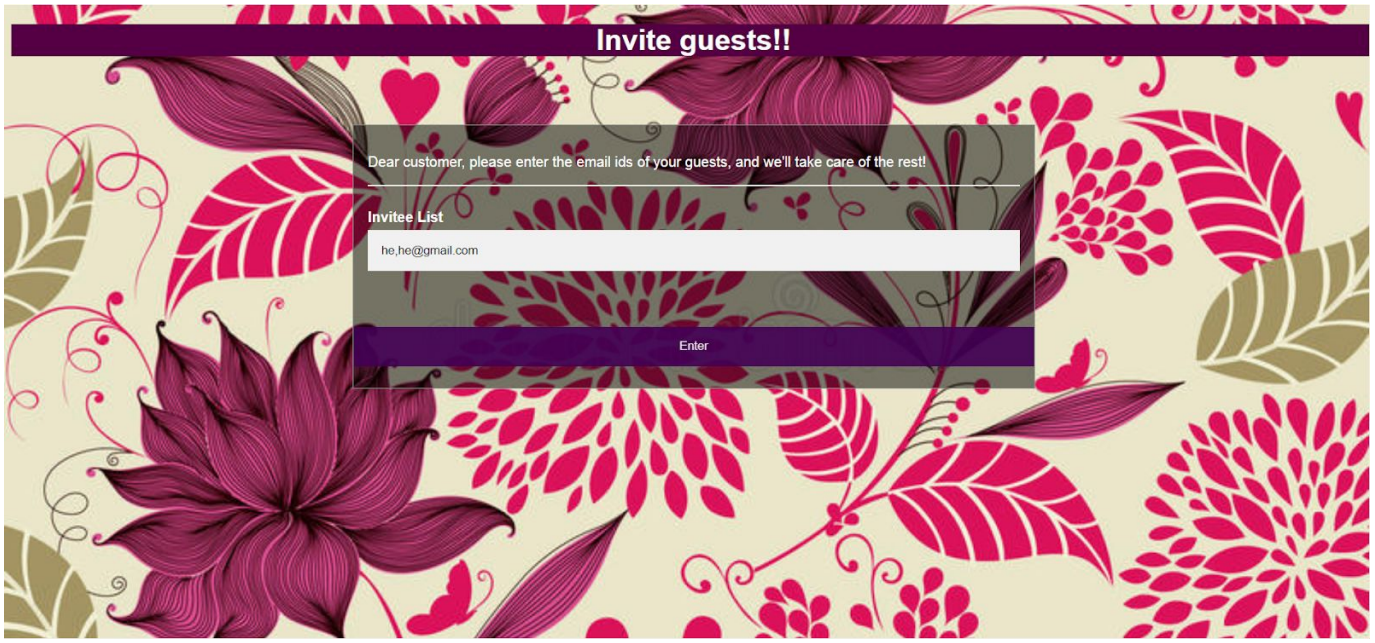
Request an event | Track an event

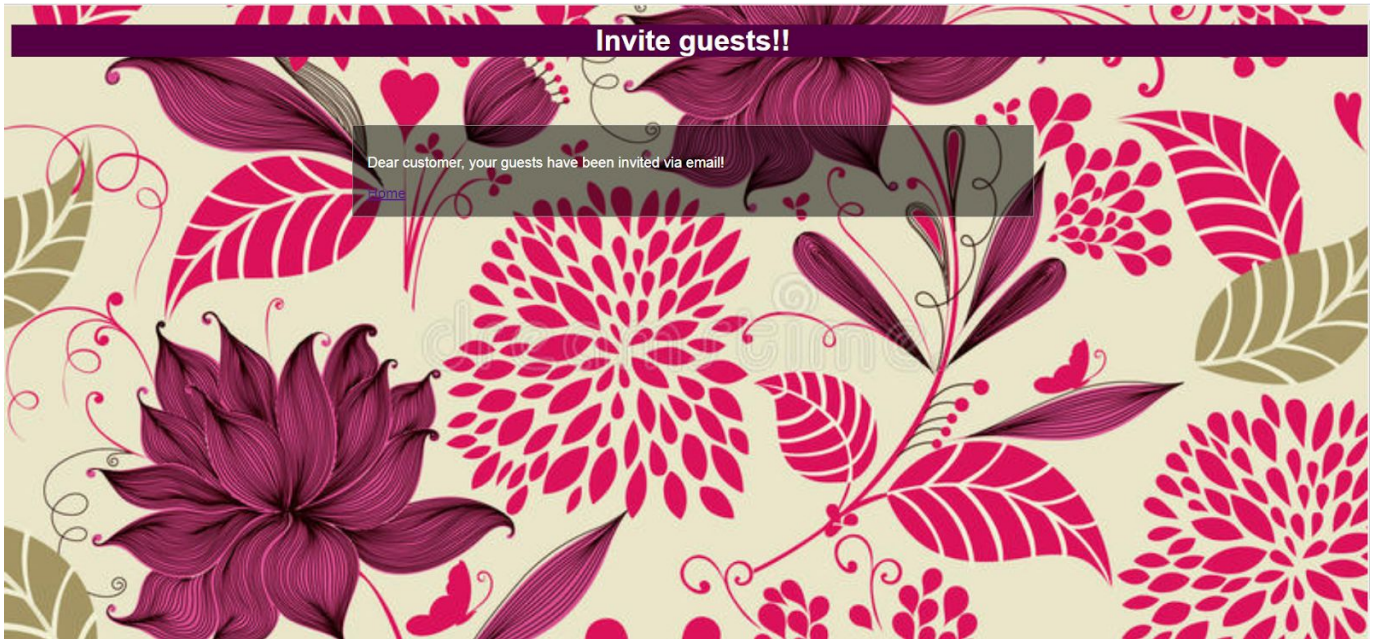
Let's get together with old buddies!

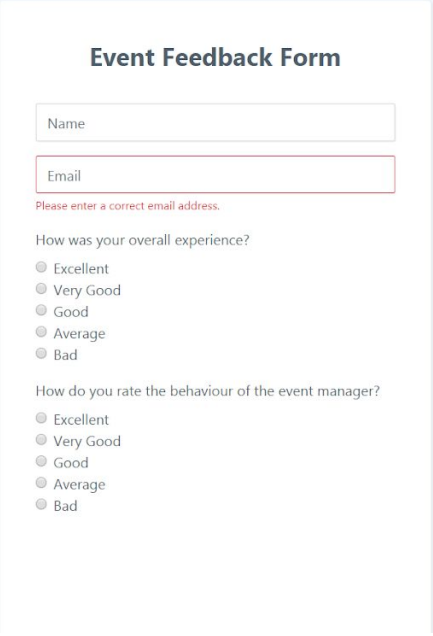


About me Contact me Events




Invite guests!!
Dear customer, please enter the email ids of your guests, and we'll take care of the rest!
Invitee List
he,he@gmail.com
Enter


Invite guests!!
Dear customer, your guests have been invited via email!
Home


Event Feedback Form
Name
Email
Please enter a correct email address.
How was your overall experience?
Excellent
Very Good
Good
Average
Bad
How do you rate the behaviour of the event manager?
Excellent
Very Good
Good
Average
Bad

How do you rate the food provided by us?

- Excellent
- Very Good
- Good
- Average
- Bad

How would you rate the music/band?

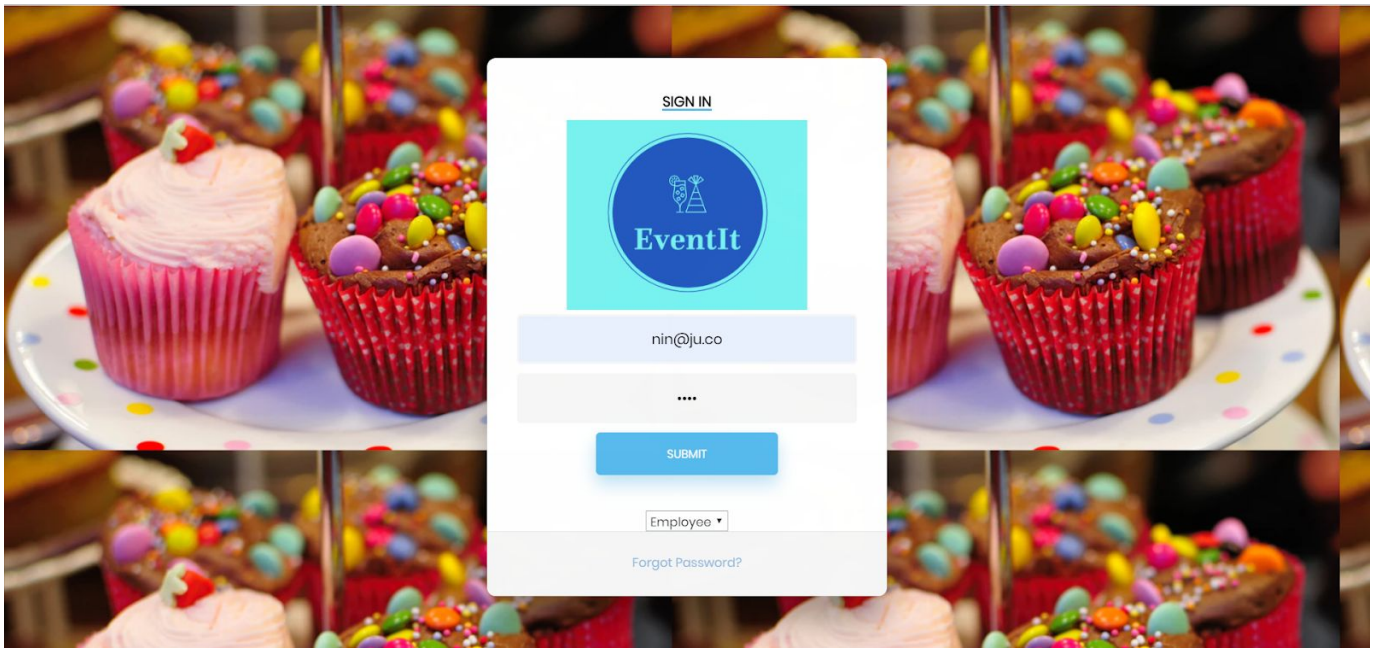
- Excellent
- Very Good
- Good
- Average
- Bad

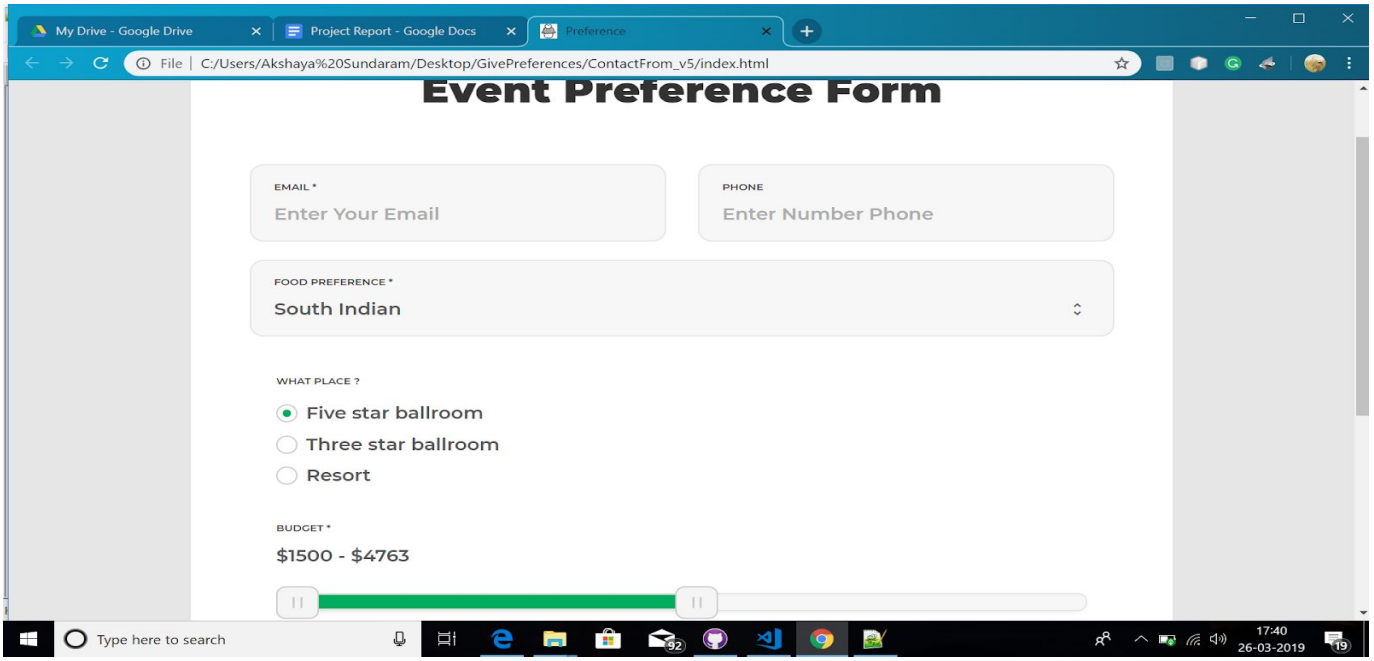
Would you prefer to book with us for future events?

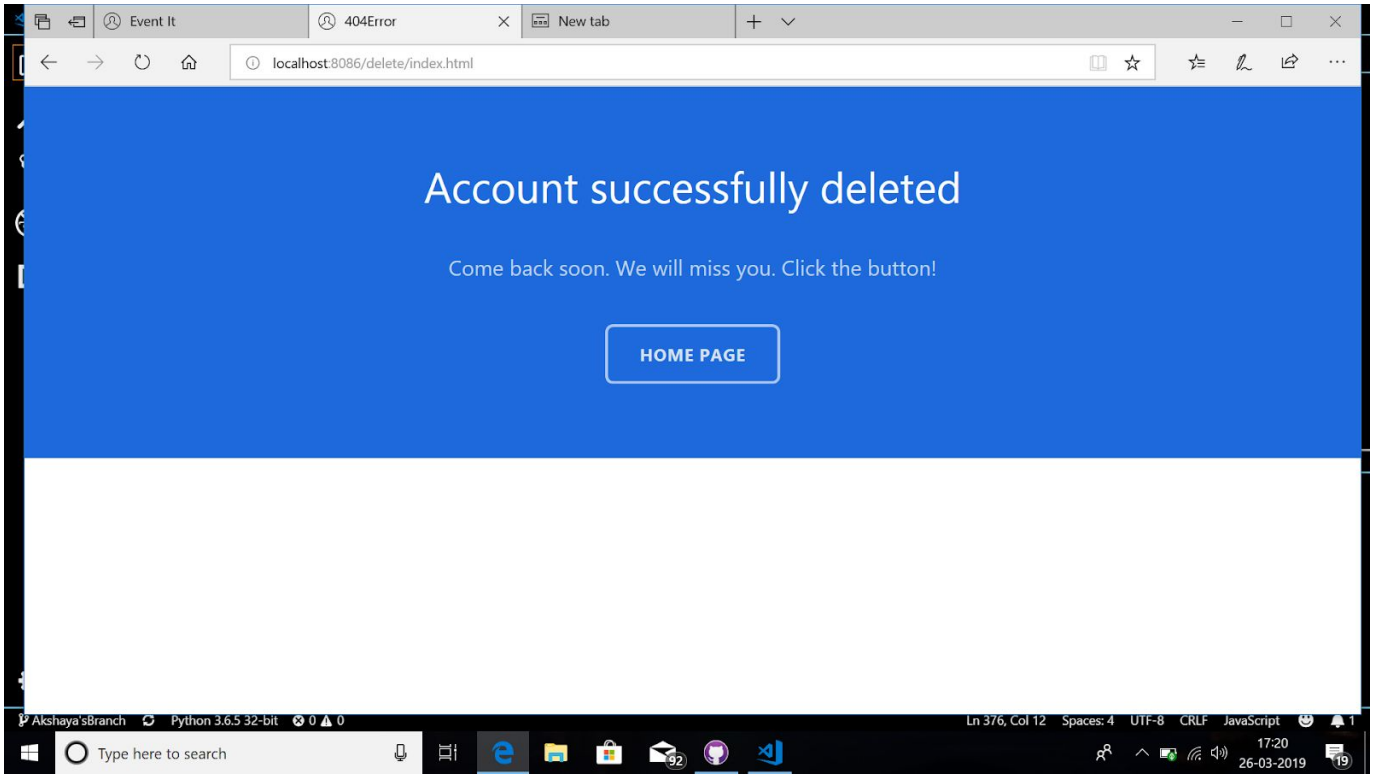
- Yes!
- No!
- Probably :)
- Probably Not :/

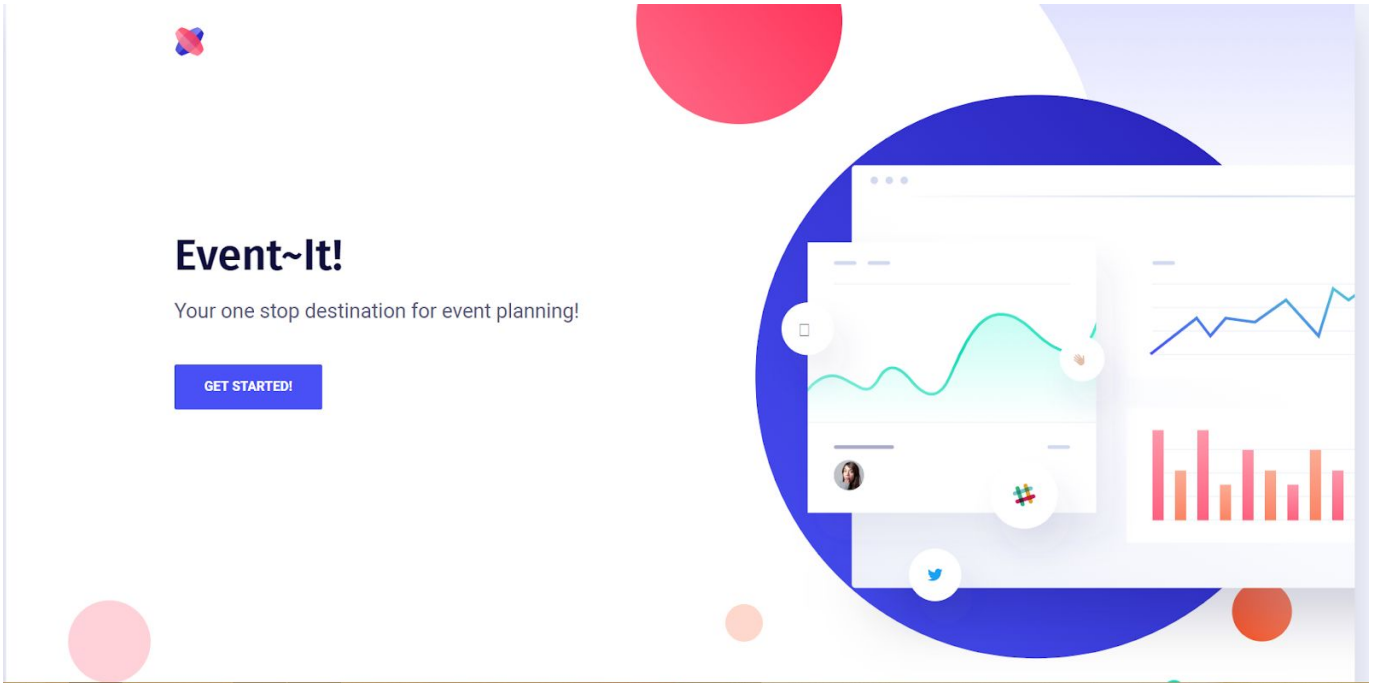
Additional Comments

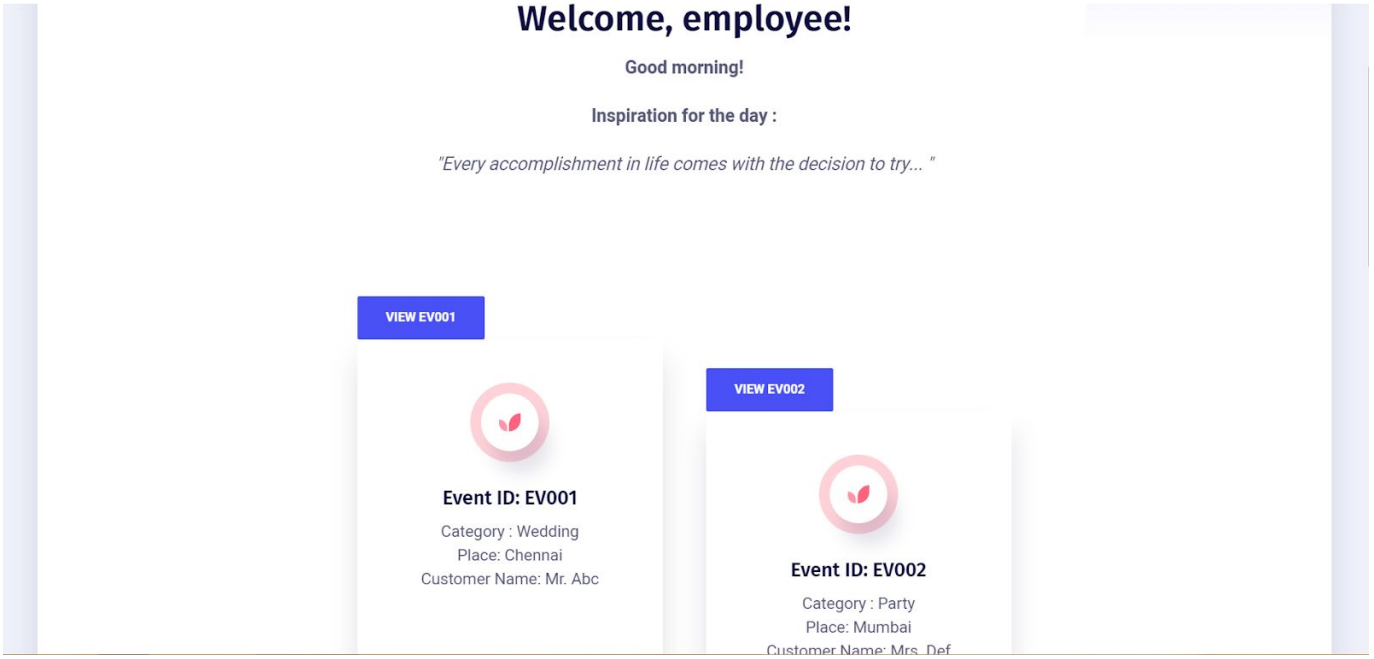
SEND

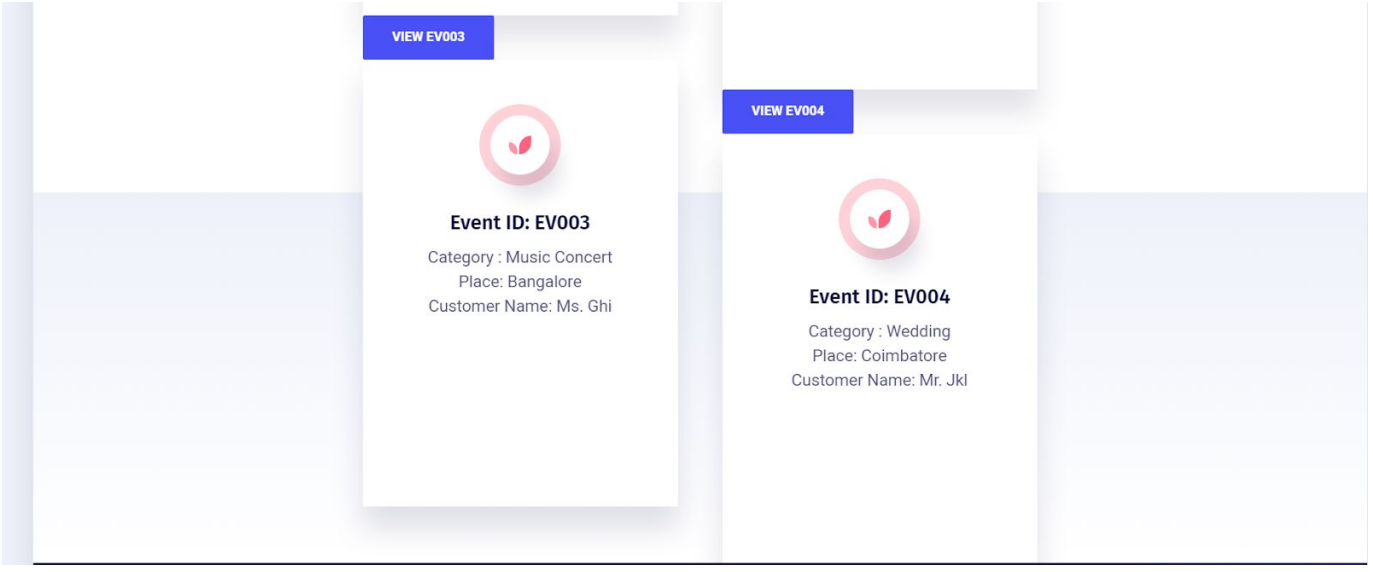


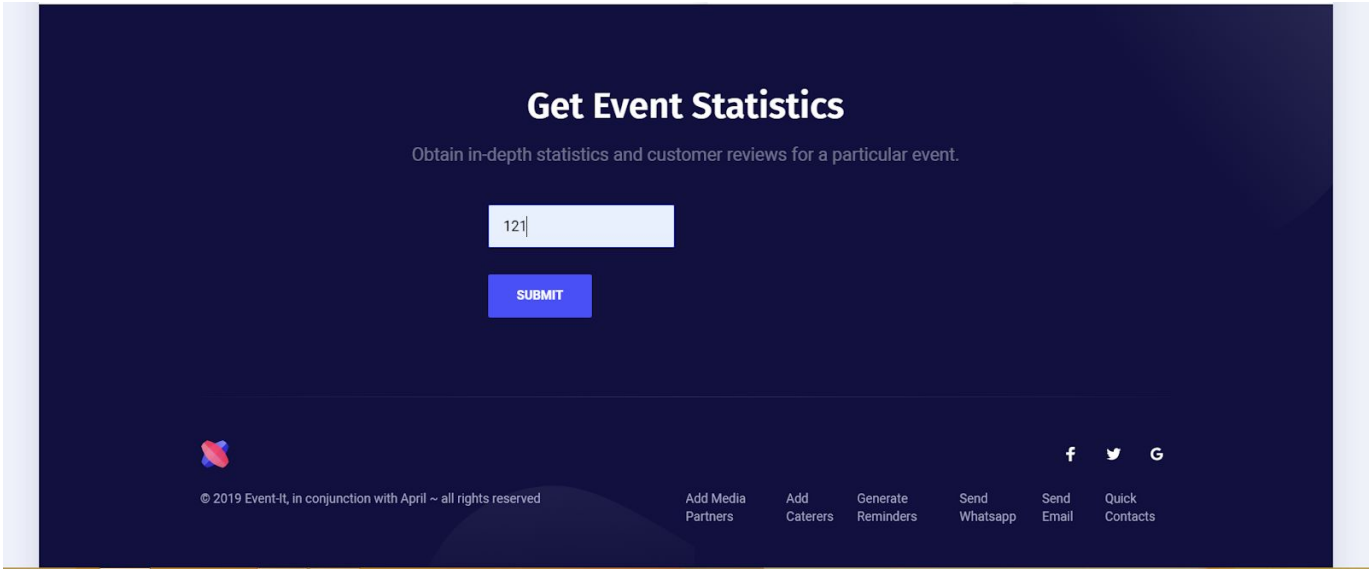

My Drive - Google Drive
Project Report - Google Docs
Preference
File | C:/Users/Akshaya%20Sundaram/Desktop/GivePreferences/ContactFrom_v5/index.html
Event Preference Form
EMAIL *
Enter Your Email
PHONE
Enter Number Phone
FOOD PREFERENCE *
South Indian
WHAT PLACE ?
Five star ballroom
Three star ballroom
Resort
BUDGET *
$1500 - $4763
Type here to search
17:40
26-03-2019


Event It
404Error
New tab
localhost:8086/delete/index.html
Account successfully deleted
Come back soon. We will miss you. Click the button!
HOME PAGE
Akshaya'sBranch
Python 3.6.5 32-bit
Ln 376, Col 12
Spaces: 4
UTF-8
CRLF
JavaScript
Type here to search
17:20
26-03-2019


Event~It!
Your one stop destination for event planning!
GET STARTED!


Welcome, employee!
Good morning!
Inspiration for the day :
"Every accomplishment in life comes with the decision to try... "
VIEW EV001
Event ID: EV001
Category : Wedding
Place: Chennai
Customer Name: Mr. Abc
VIEW EV002
Event ID: EV002
Category : Party
Place: Mumbai


VIEW EV003
Event ID: EV003
Category : Music Concert
Place: Bangalore
Customer Name: Ms. Ghi
VIEW EV004
Event ID: EV004
Category : Wedding
Place: Coimbatore
Customer Name: Mr. Jkl


Get Event Statistics
Obtain in-depth statistics and customer reviews for a particular event.
121
SUBMIT
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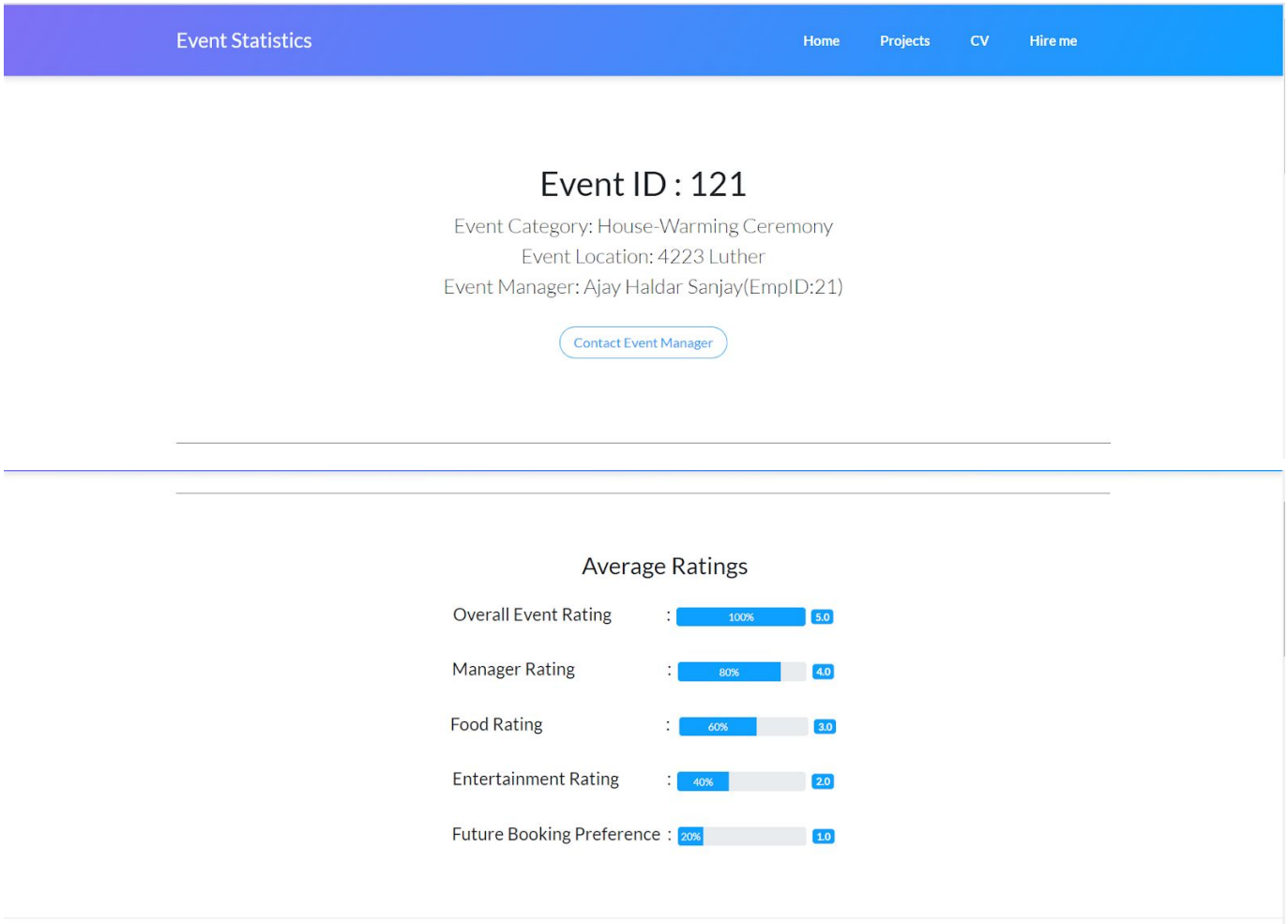
Add Media Partners
Add Caterers
Generate Reminders
Send Whatsapp
Send Email
Quick Contacts


Event Statistics
Home
Projects
CV
Hire me
Event ID : 121
Event Category: House-Warming Ceremony
Event Location: 4223 Luther
Event Manager: Ajay Haldar Sanjay(EmpID:21)
Contact Event Manager
Average Ratings
Overall Event Rating : 100% 5.0
Manager Rating : 80% 4.0
Food Rating : 60% 3.0
Entertainment Rating : 40% 2.0
Future Booking Preference : 20% 1.0

10. Conclusion:

The online Event management software project, that unites people seeking help to host events with event service providers, was developed using agile methodologies in two sprints of a period of around 3 weeks each. Regular scrum meetings and sprint retrospectives led to the development of quality and integrity of work. The integrity of the software was tested using standard software engineering tools like SonarQube and Selenium. Regular updates of work was reported in JIRA, an online agile tracking tool, and the reports were analyzed to check consistency and flow of software engineering work.

The various stages of software engineering lifecycle like requirement analysis (writing different user stories), design (use case diagram, class diagram, DFD diagram, swimlane diagram, sequence diagram), construction (coding) and testing (SonarQube, Selenium) was used and the nature of work in each stage was realized. The overall focus of software development was given to quality and developing a reliable software that captures all the requirements listed in the user stories.