CSE302: Database Systems (Section No.1) [Spring-24]

Project Report

Project/Application Title: Campus Event Management

Event Management (oracle.com)

Submitted by:

Student ID	Student Name	Contribution Percentage
2022-1-60-223	Iftekharul Islam Ifti	30%
2022-1-60-356	Suddip Paul Arnab	30%
2022-1-60-381	Chinmoy Karmakar	20%
2022-1-60-131	Ankon Nandi	20%

1. E-R Model of the Project

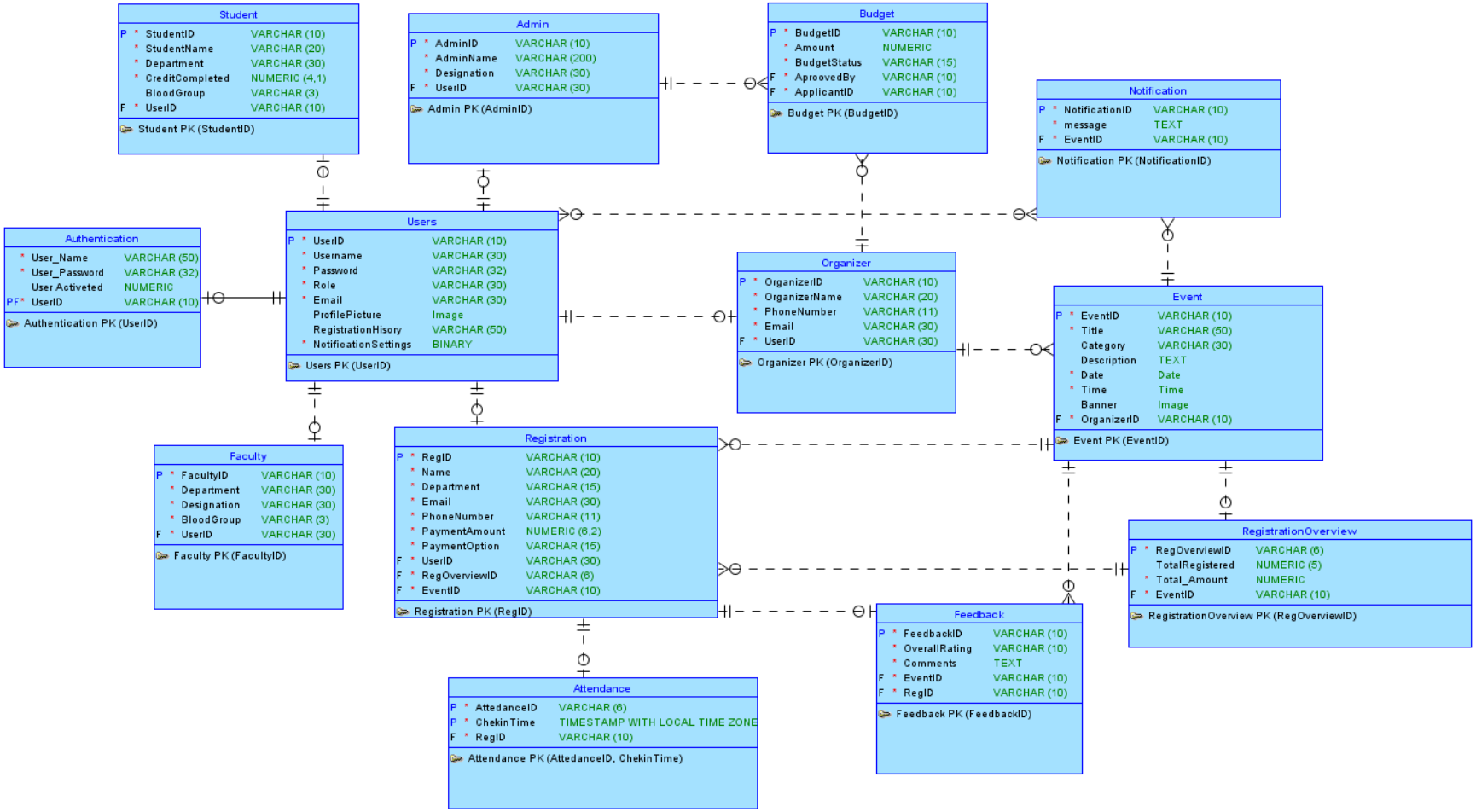


Figure 1.1

2. Relational Data Model of the Project

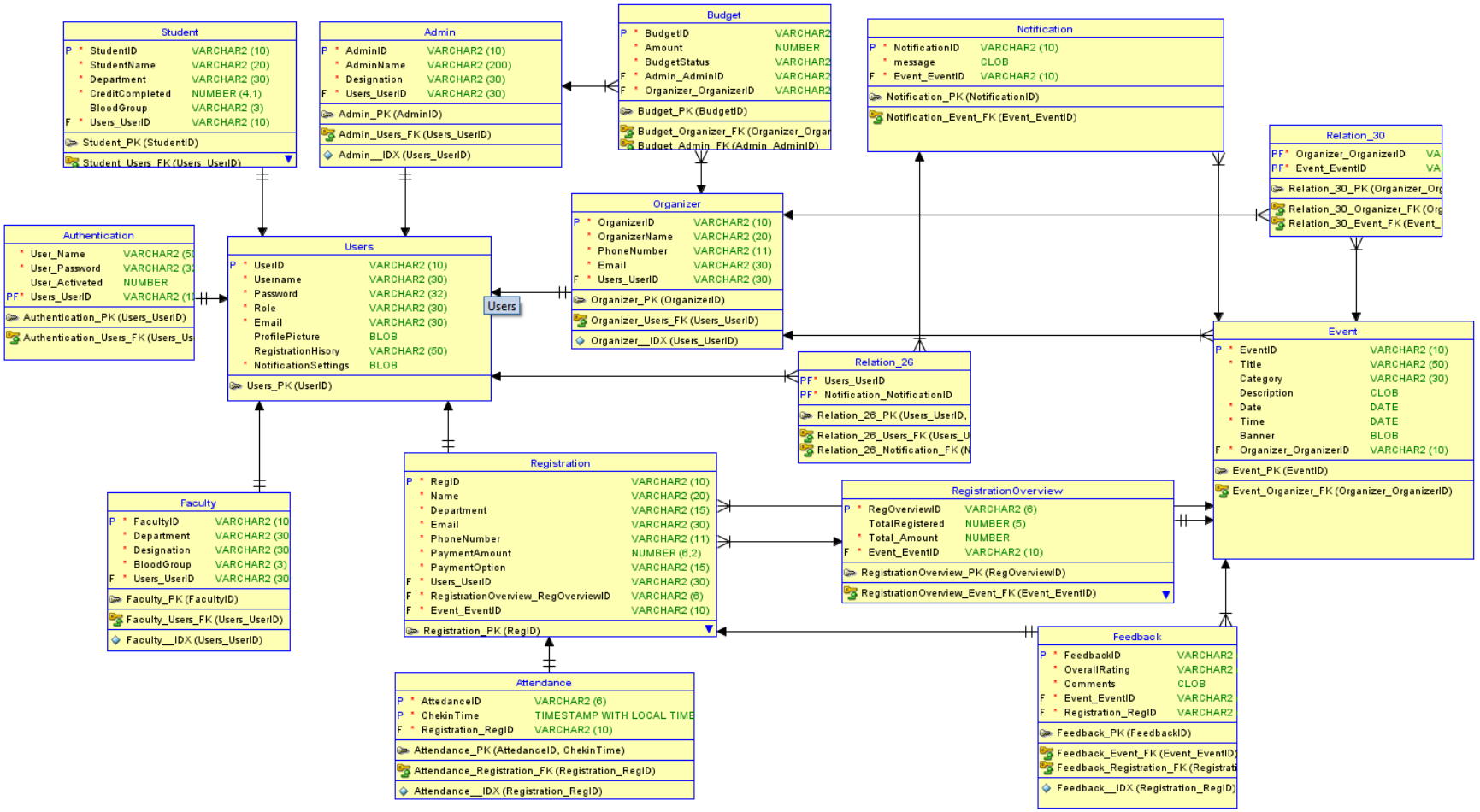


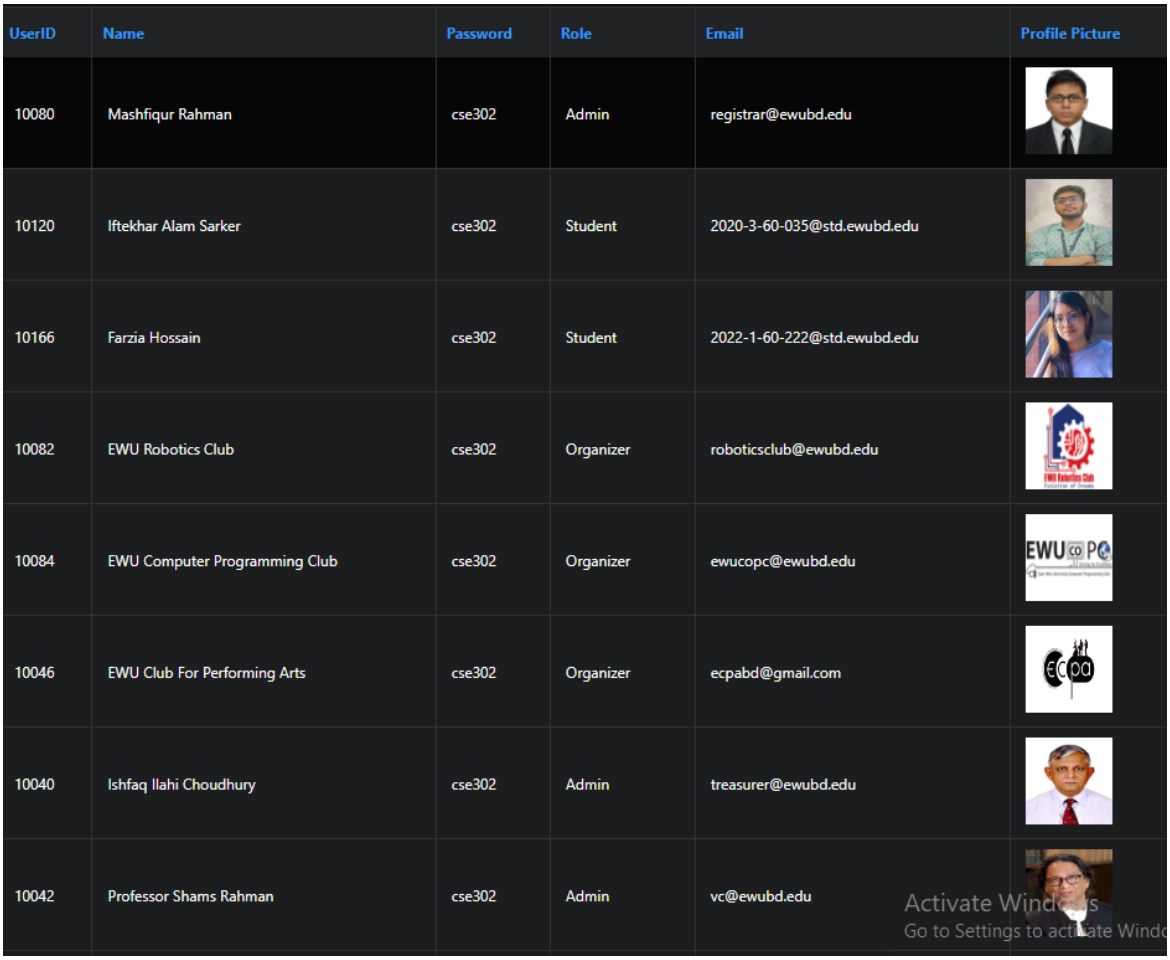
Figure 2.1

3. Implementation Checklist

Description	Remarks
Project ID	219675
Workspace Name	iftikhar223
Workspace Email	2022-1-60-131@std.ewubd.edu
Workspace Password	csecse302
Authentication Type	Application Express
Username and Password to Login	
2022-1-60-223@std.ewubd.edu	csecse302
if you have multiple users, write all username and password correctly	
ISHFAQ	cse302
WASIFREZA	cse302
MASHFIQUR	cse302
CSE	cse302
ANKON	cse302
Uploaded and Displayed Images in Reports	yes
Implemented Page-wise Authorization	yes
Number of Reports with Forms	9
Number of Master-detail Forms	1
Number of Reports based on Queries, Aggregate Queries	1
Number of Parameterized Reports	1
Number of Graphs/Charts	4
Included any trigger/other feature which is not taught in class. If yes, please explain briefly.	We included 2 triggers and some css codes. We also included a Master detail page and a parameterized report.
Write the most unique feature/functionality in your application or the page of your application that you are proud of. Explain briefly.	

4. Reports with Forms

Report Page Number and Name	Form Page Number and Name	Table
Page 5: User Information	Page 43: User Form	Users
Page 13: Registration Report	Page 55: Registration Form	Registration
Page 22: Admin Report	Page 59: Admin Form	Admin
Page 33: Organizer Report	Page 42: Organizer Form	Organizer
Page 40. Event Details	Page 41: Create Event	Event
Page 53: Registration Overview	Page 54: Create Registration Overview	RegistrationOverview
Page 62: Budget Interactive Report	Page 63: Budget Form	Budget
Page 68. Feedback List	Page 67: Give Your Feedback	Feedback
Page 73. Attendance Report	Page 72: Attendance Form	Attendance



UserID	Name	Password	Role	Email	Profile Picture
10080	Mashfiqur Rahman	cse302	Admin	registrar@ewubd.edu	
10120	Iftekhar Alam Sarker	cse302	Student	2020-3-60-035@std.ewubd.edu	
10166	Farzia Hossain	cse302	Student	2022-1-60-222@std.ewubd.edu	
10082	EWU Robotics Club	cse302	Organizer	roboticsclub@ewubd.edu	
10084	EWU Computer Programming Club	cse302	Organizer	ewucopc@ewubd.edu	
10046	EWU Club For Performing Arts	cse302	Organizer	ecpabd@gmail.com	
10040	Ishfaq Ilahi Choudhury	cse302	Admin	treasurer@ewubd.edu	
10042	Professor Shams Rahman	cse302	Admin	vc@ewubd.edu	

Activate Windows
Go to Settings to activate Windo

Figure 4.1: User Information

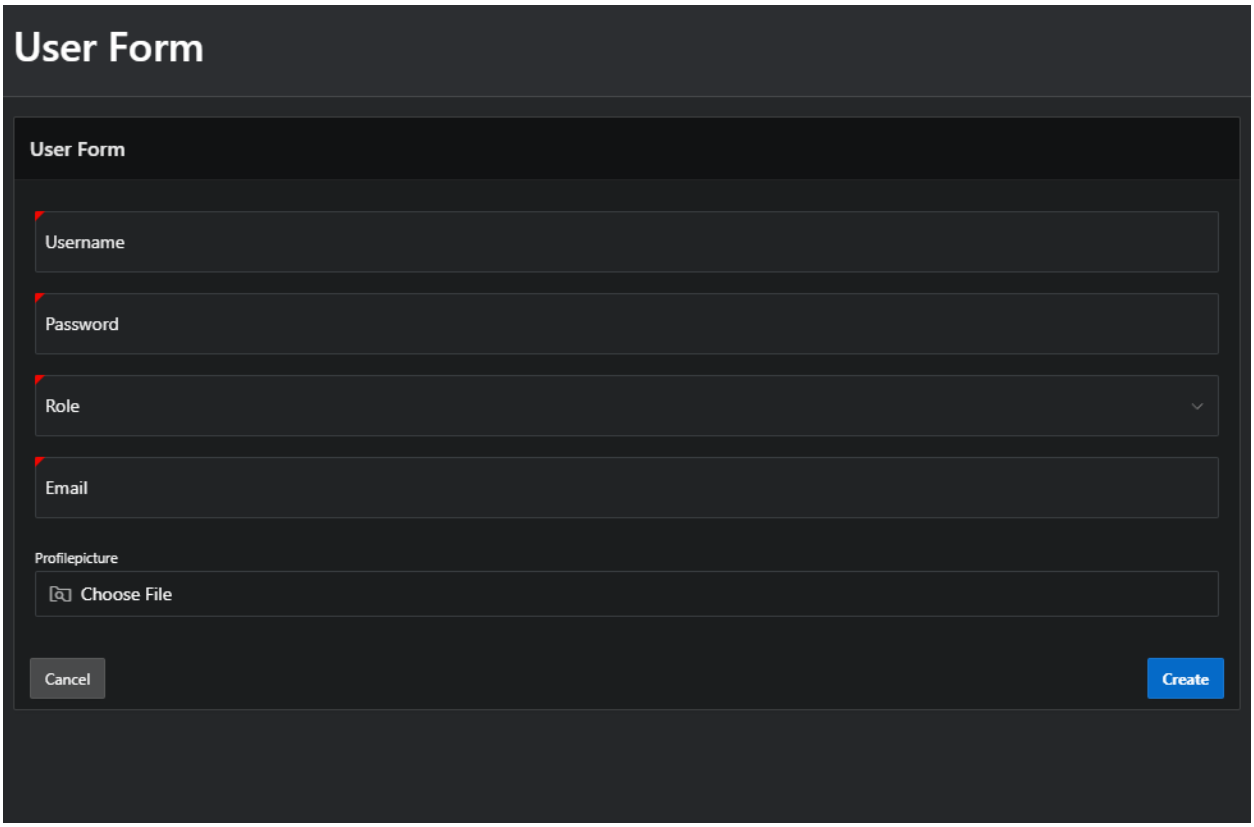
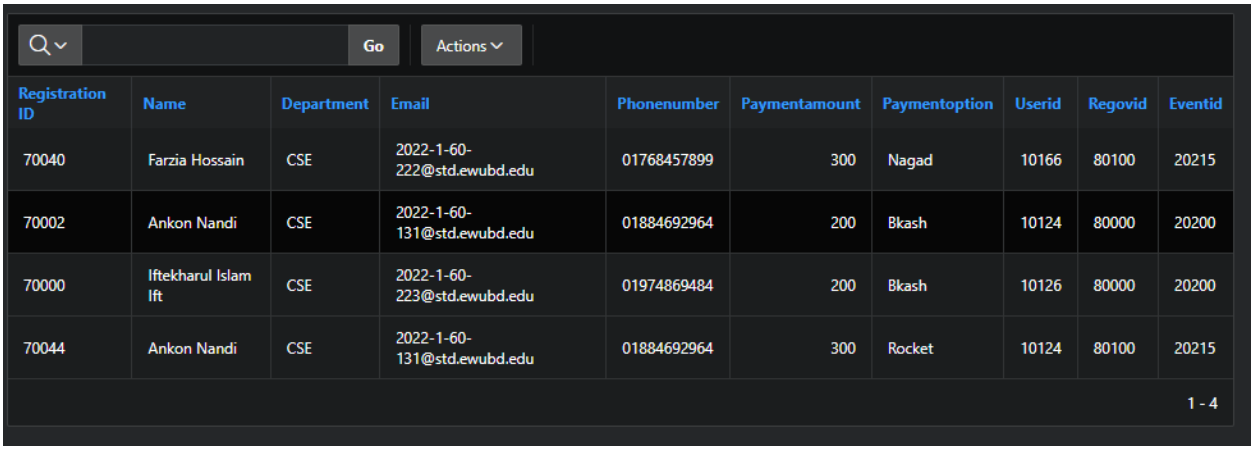


Figure 4.2: User Form



Go | Actions

Registration ID	Name	Department	Email	Phonenumber	Paymentamount	Paymentoption	Userid	Regovid	Eventid
70040	Farzia Hossain	CSE	2022-1-60-222@std.ewubd.edu	01768457899	300	Nagad	10166	80100	20215
70002	Ankon Nandi	CSE	2022-1-60-131@std.ewubd.edu	01884692964	200	Bkash	10124	80000	20200
70000	Iftekharul Islam Ift	CSE	2022-1-60-223@std.ewubd.edu	01974869484	200	Bkash	10126	80000	20200
70044	Ankon Nandi	CSE	2022-1-60-131@std.ewubd.edu	01884692964	300	Rocket	10124	80100	20215

1 - 4

Figure 4.3: Registration Report

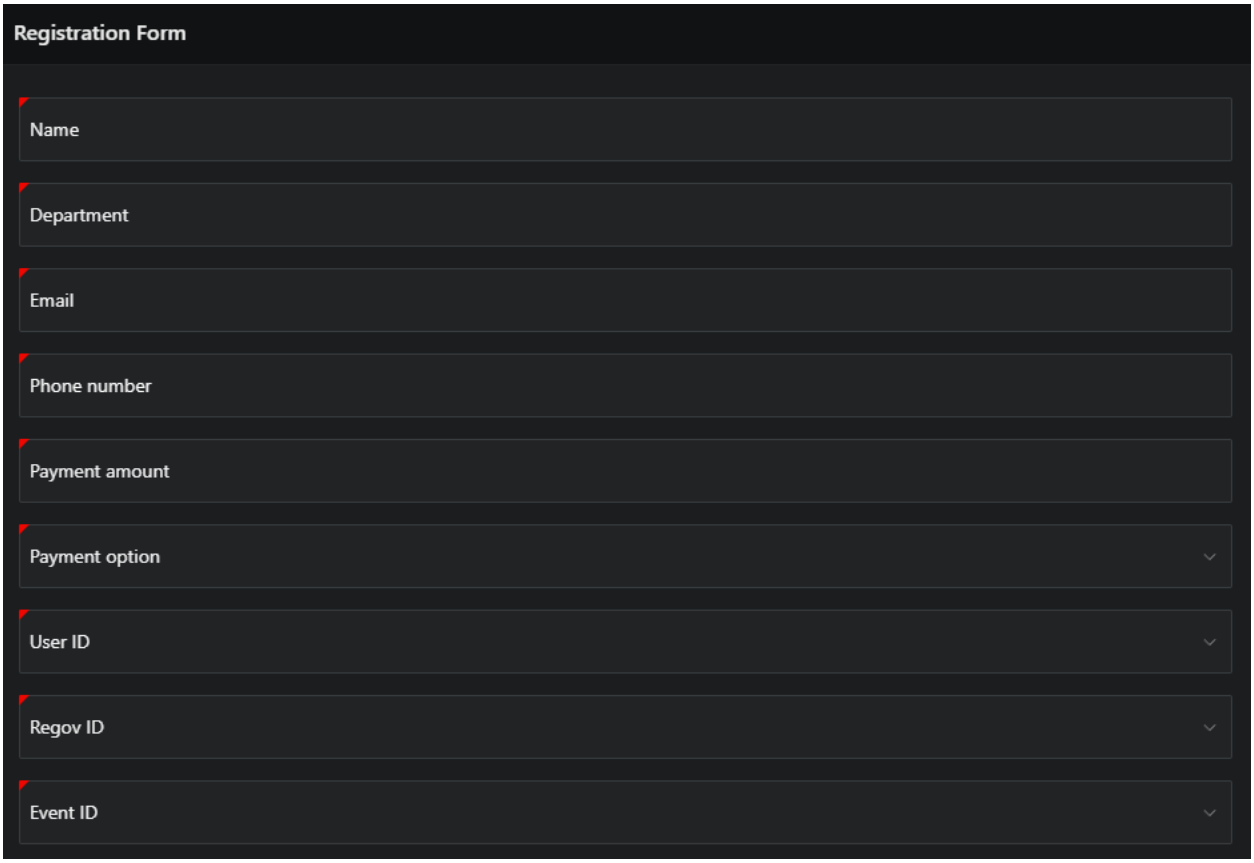


Figure 4.4: Registration Form

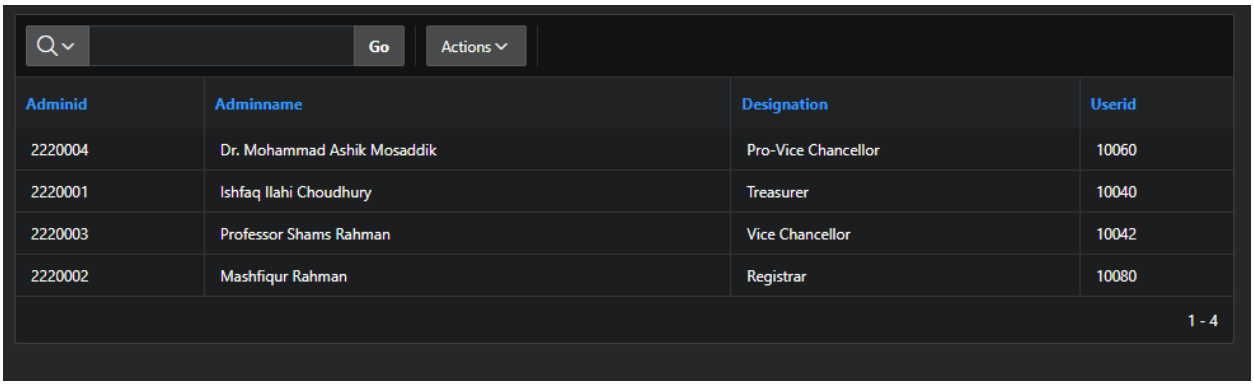


Figure 4.5: Admin Report

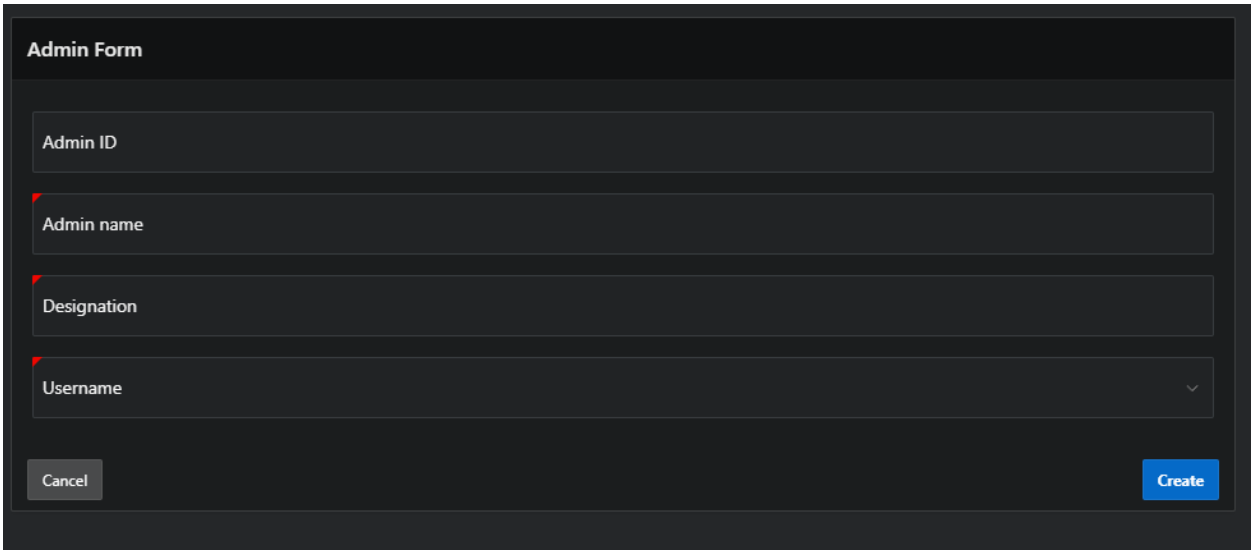


Figure 4.6: Admin Form

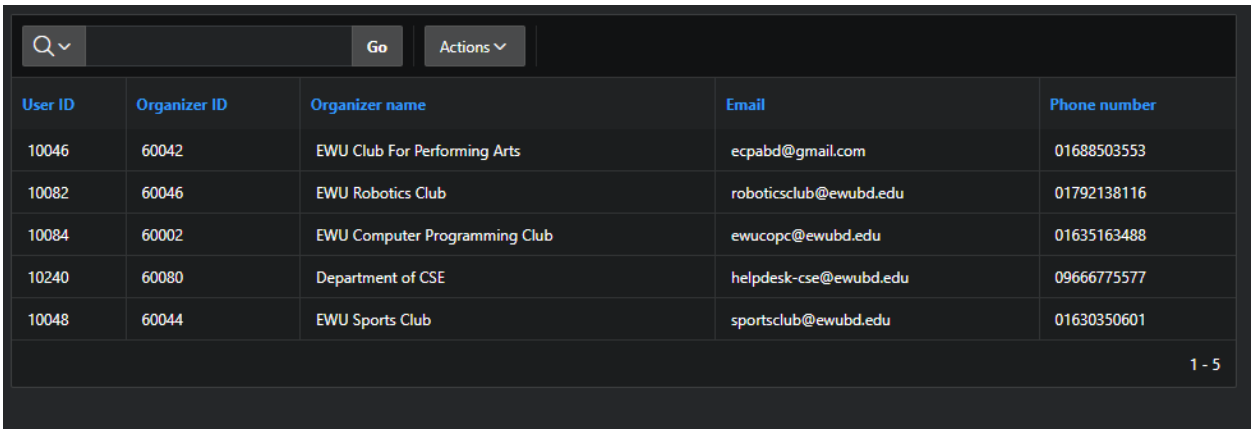


Figure 4.7: Organizer Report

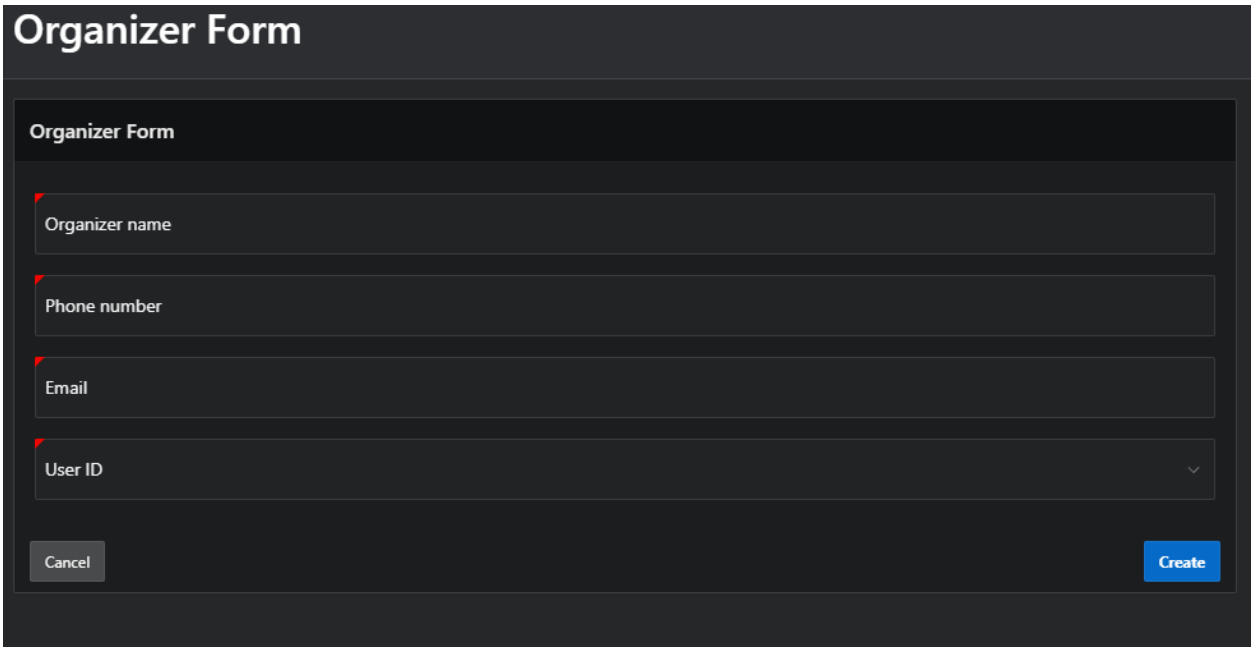


Figure 4.8: Organizer Form

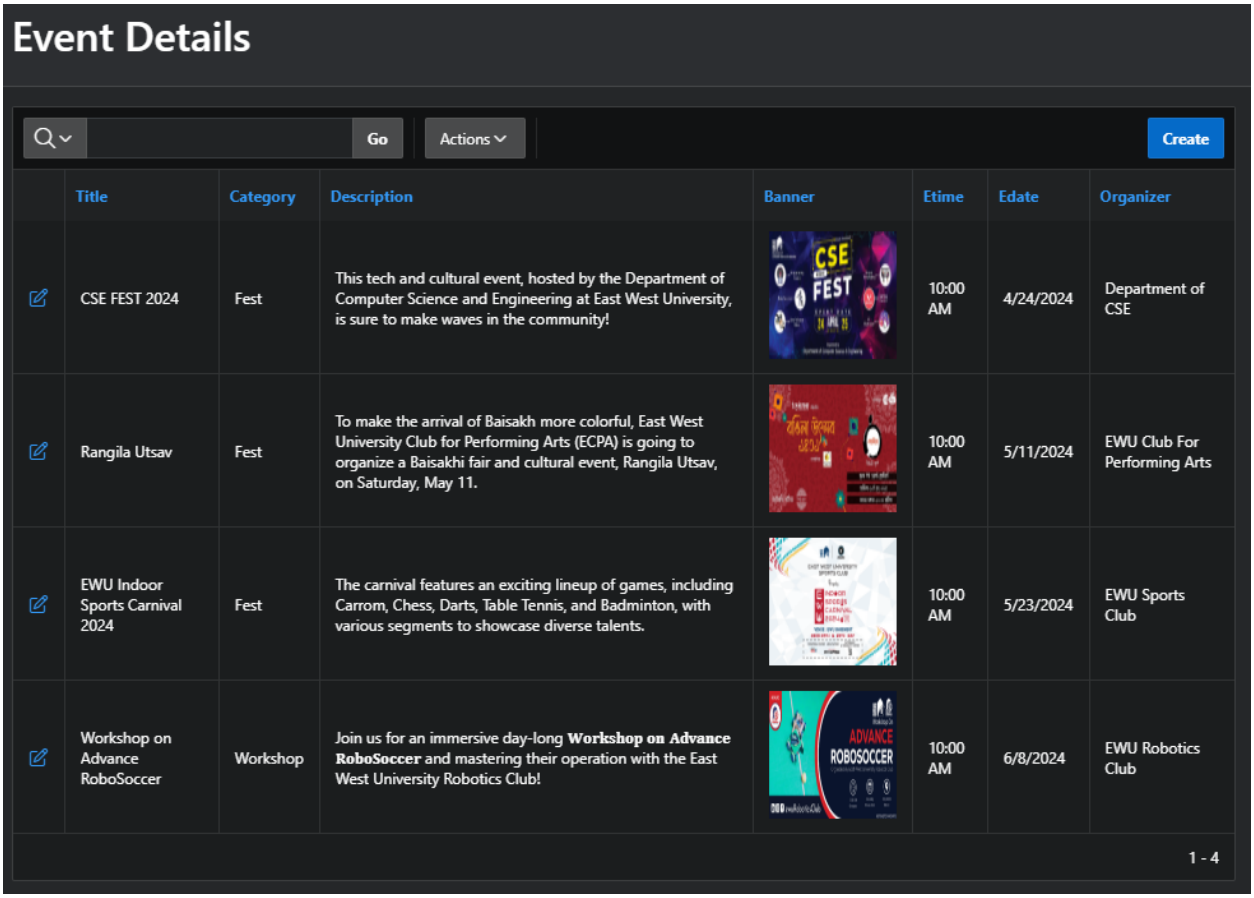


Figure 4.9: Event Details

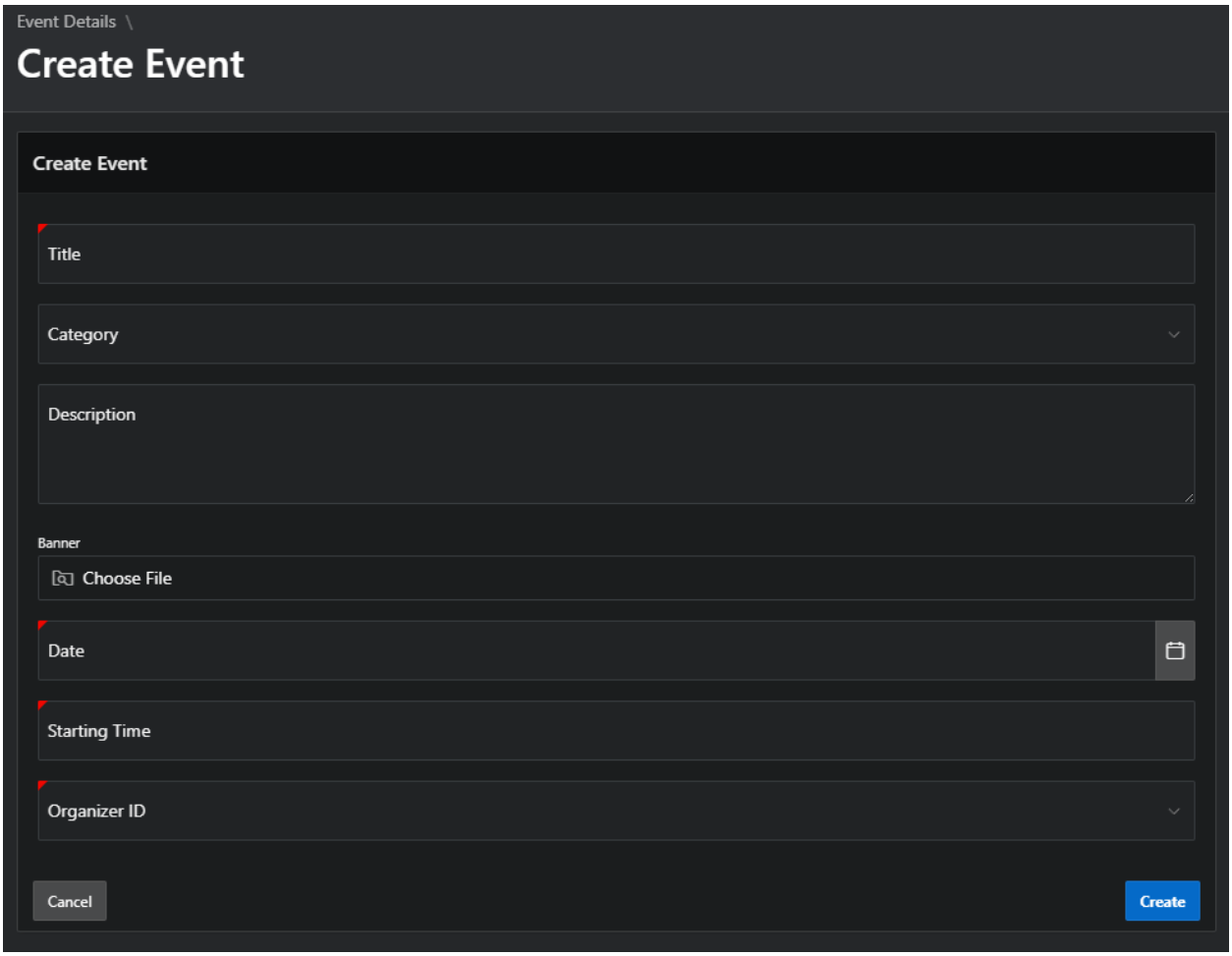


Figure 4.10: Create Event

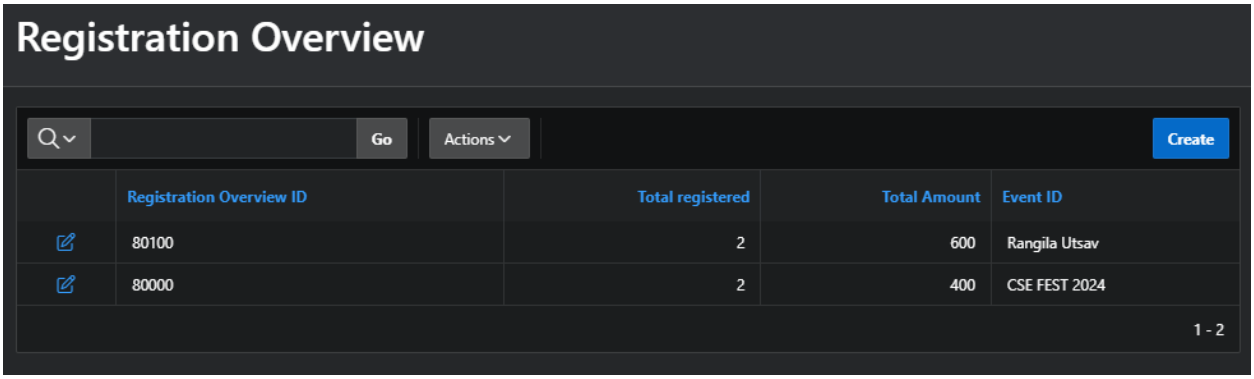


Figure 4.11: Registation Overview

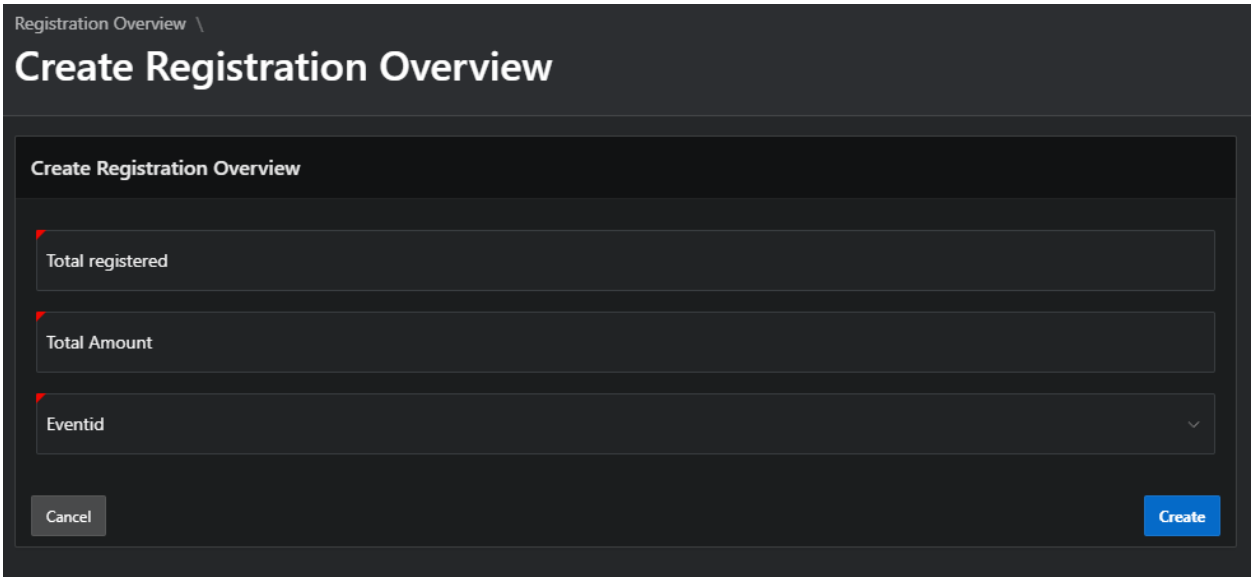


Figure 4.12: Create Registration Report

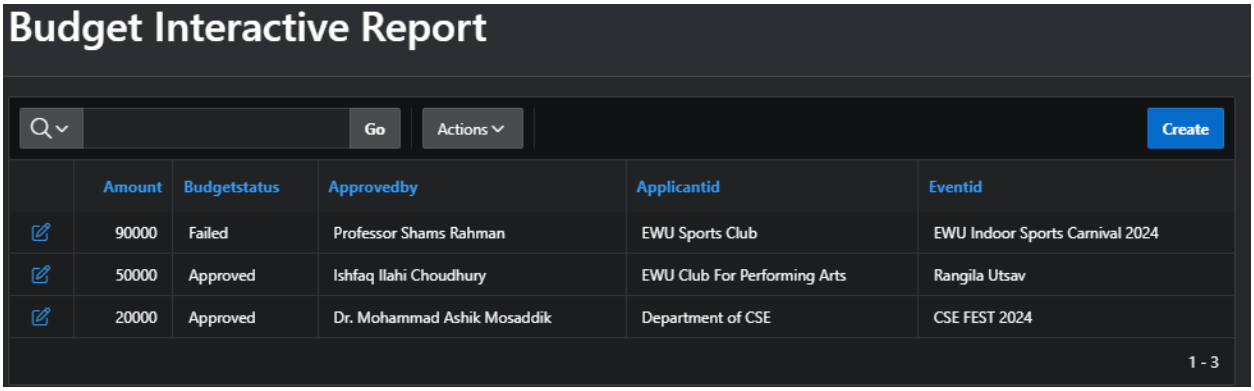


Figure 4.13: Budget Interactive Report

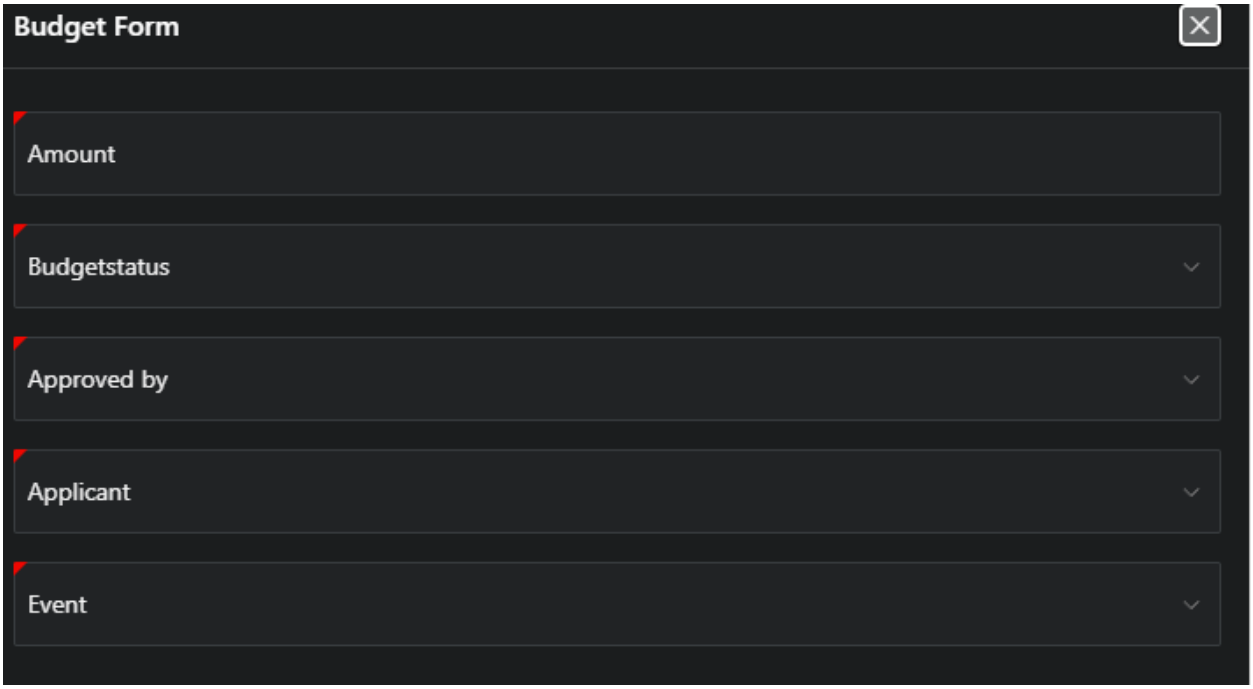


Figure 4.14: Budget Form

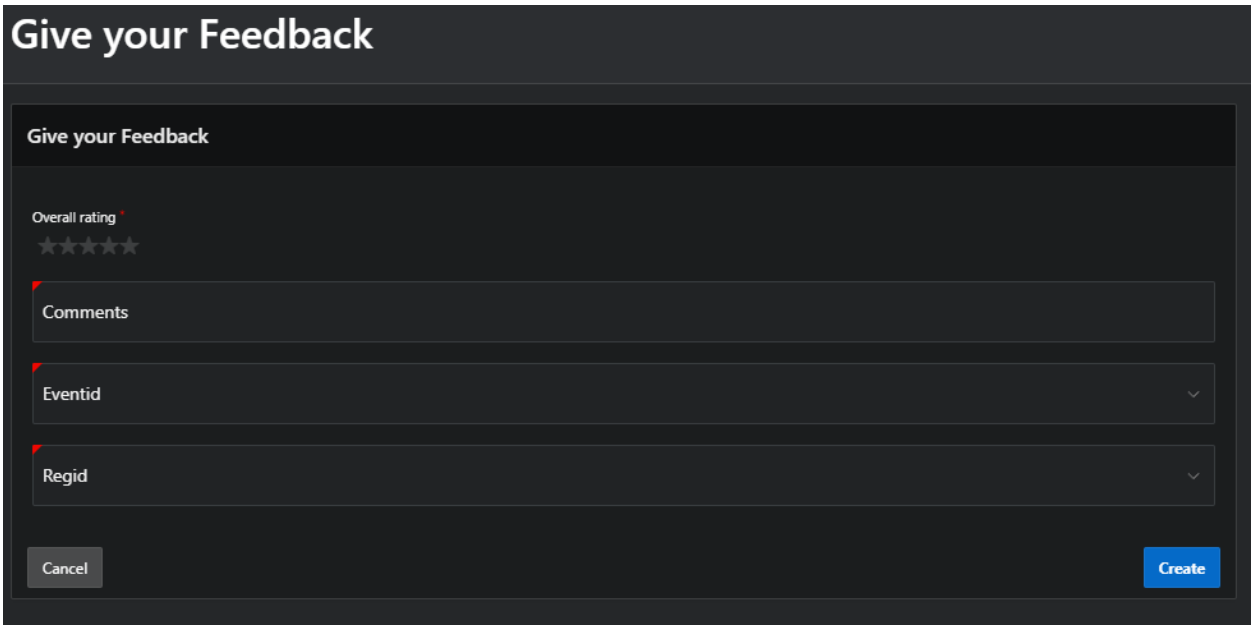


Figure 4.15: Give your Feedback

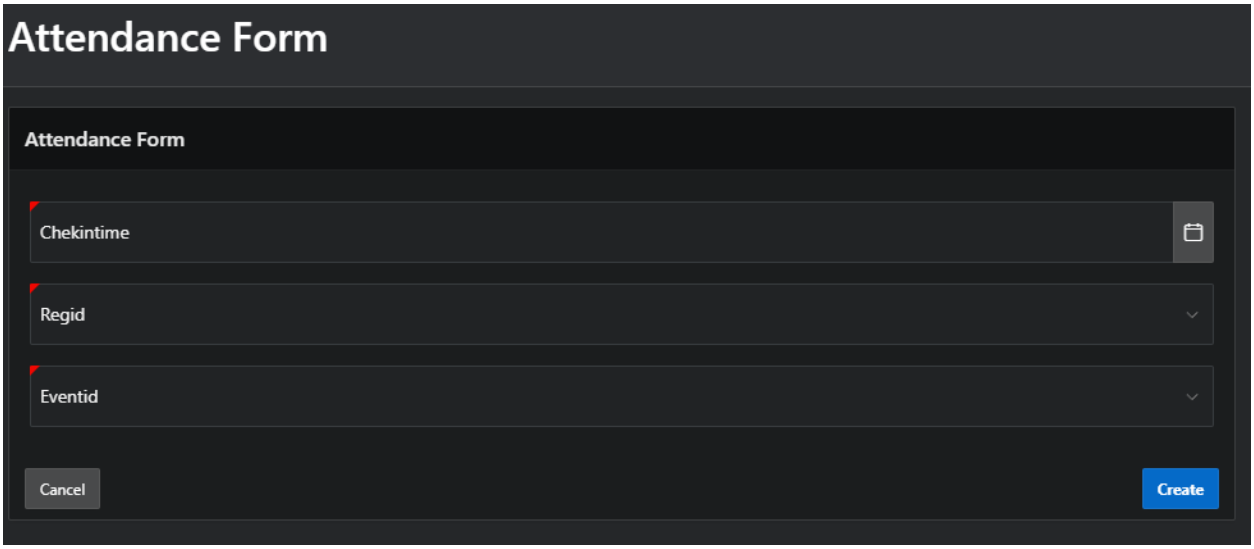


Figure 4.16: Attendance Form

5. Master-Detail Form

Page Number and Name	Master Table (Parent)	Detail Table (Child)
34	Event Master Detail	Event, Registration, RegistrationOverview, Feedback, Attendence

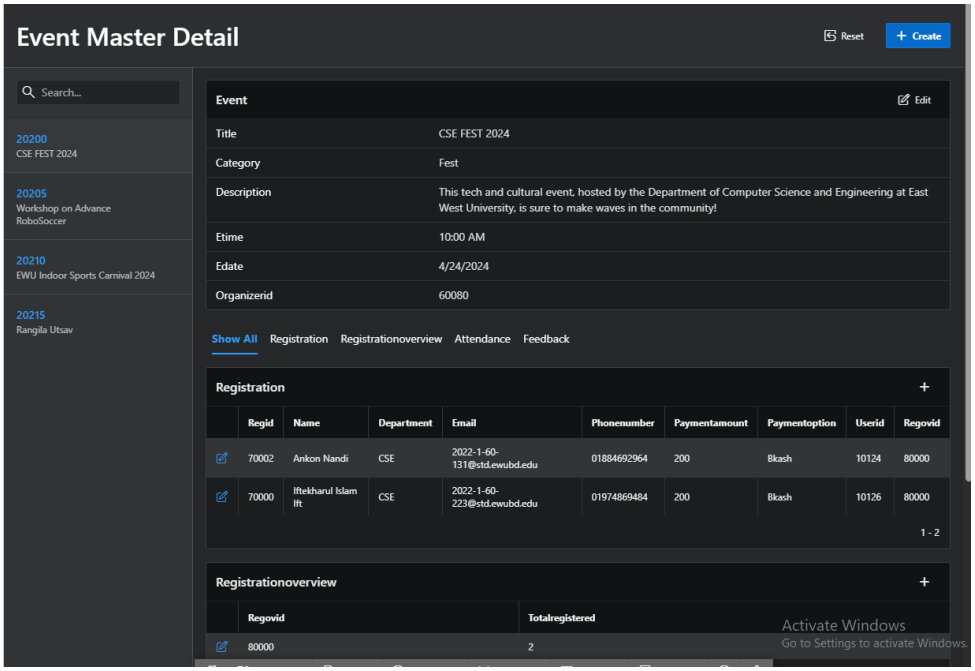


Figure 5.1: Event Master Detail

6. Reports based on Multi-Table and Aggregate Queries

Page Number and Name	Query Type	Report description
70	Multi-table and Aggregate	Organizer who Applied for Highest Budget

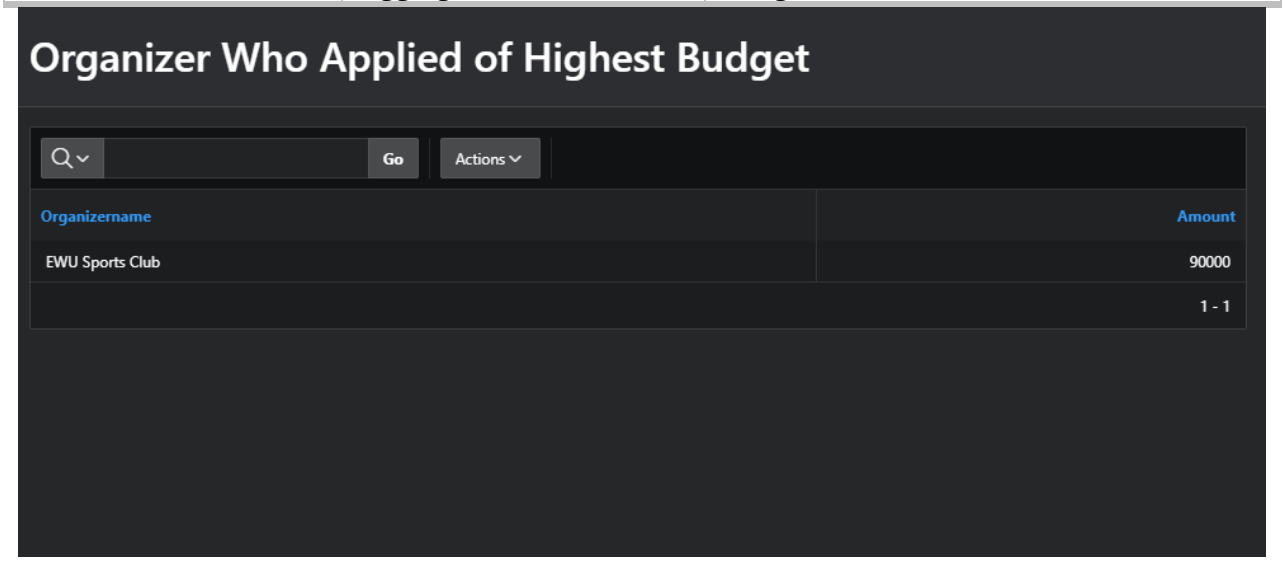


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Figure 6.1: Organizer who Applied for Highest Budget

7. Parameterized Reports

Page Number and Name	Given Input	Report description
66	Organizer Name	Event organized by the given organizer

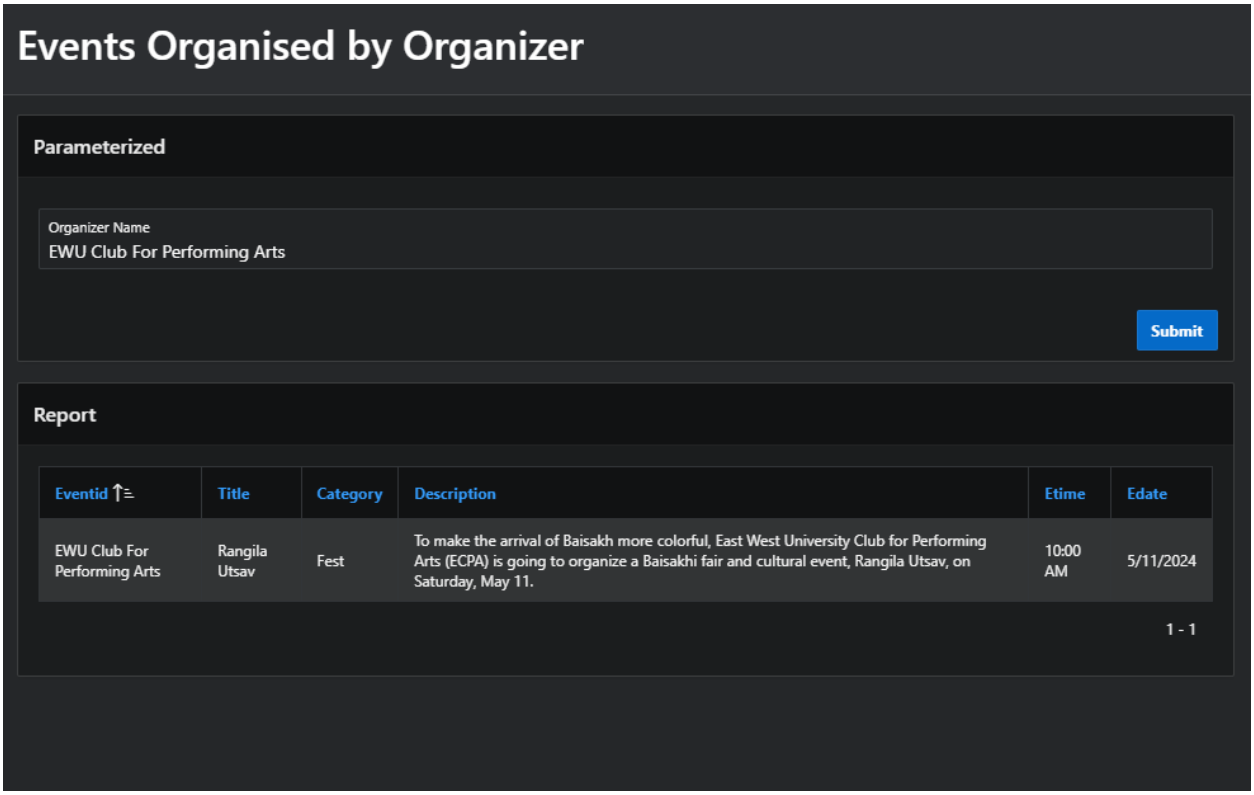

Figure 7.1: Event Organised by Organiser

8. Charts and Other Pages

Page Number and Name	Chart description
56	Number of registrations per event, payment amount by payment option, total budget approved per admin

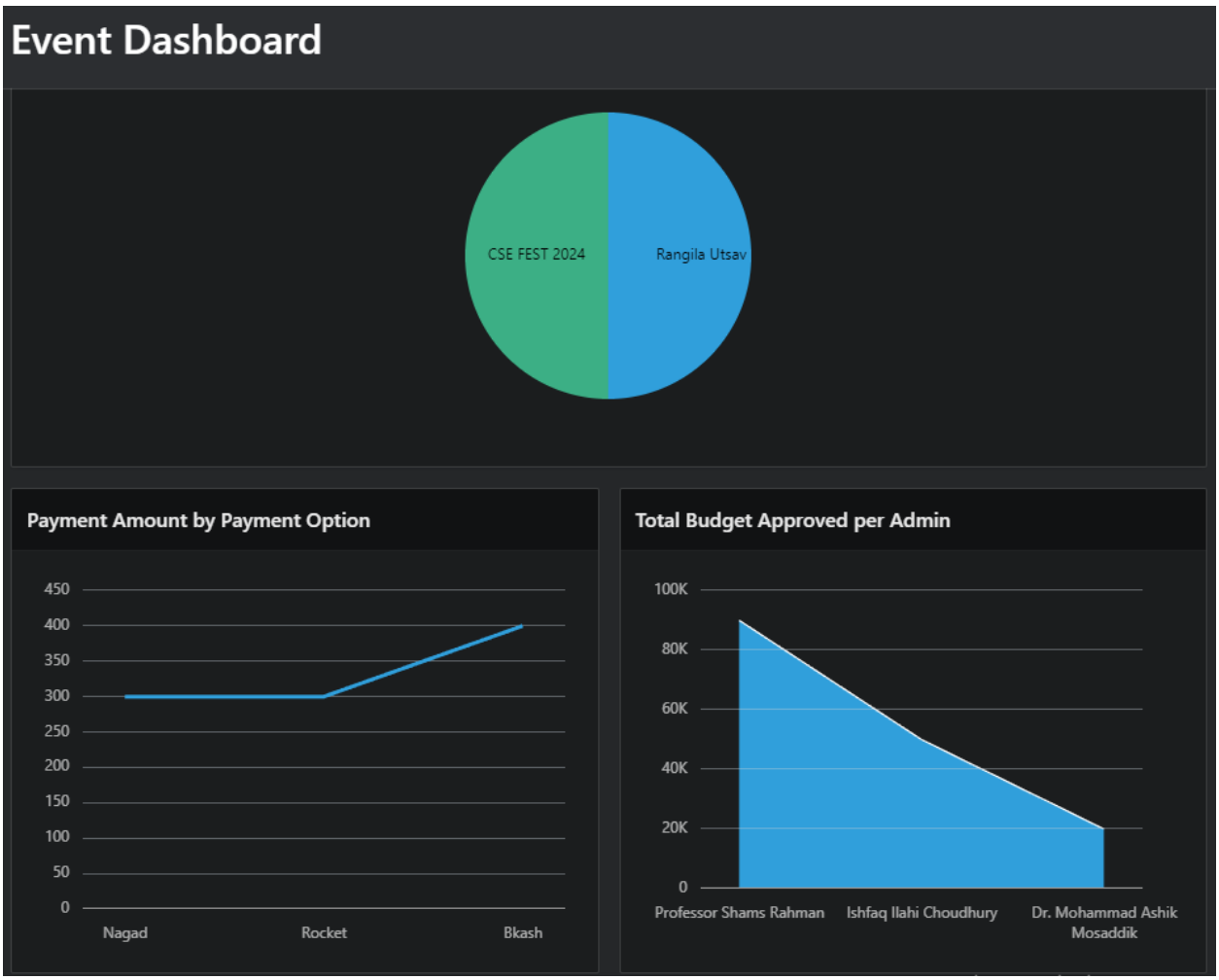

Figure 8.1: Event Dashboard

9. Authorization and User Role Assignment

User Role Assignment

User name	Password	Role
Mashfiqur Rahman	cse302	Administration
Ishfaq Ilahi Choudhury	cse302	Administration
Professor Shams Rahman	cse302	Administration
Dr. Mohammad Ashik Mosaddik	cse302	Administration
Mashfiqur Rahman	cse302	Administration
Ishfaq Ilahi Choudhury	cse302	Administration
Dr. Ahmed Wasif Reza	cse302	Faculy (Organizer)
Dr. Maheen Islam	cse302	Faculy (Organizer)
EWU Robotics Club	cse302	Club (Organizer)
EWU Club For Performing Arts	cse302	Club (Organizer)
EWU Computer Programming Club	cse302	Club (Organizer)
Farzia Hossain	cse302	Student
Ankon Nandi	cse302	Student
Iftekharul Islam Ifti	cse302	Student
Department of CSE	cse302	Department (Organizer)
Iftekhar Alam Sarker	cse302	Student

Page-wise Authorization Information

Page number and name	Authorization Level
P1: Home	Reader
P5. User Information	Administrator
P43. User Form	Administrator
P13. Registration Report	Administrator, Contributor
P55. Registration Form	Reader
P16. Student List	Administrator
P22. Admin Report	Administator
P33. Organizer Report	Administator
P42. Organizer Form	Administator
P34. Event Master Detail	Administrator, Contributor
P59. Admin Form	Administator
P40. Event Details	Reader
P41. Create Event	Administrator, Contributor
P53. Registration Overview	Administrator, Contributor
P54. Create Registration Overview	Administrator, Contributor
P56. Event Dashboard	Administrator, Contributor

P62. Budget Interactive Report	Administrator, Contributor
P63. Budget Form	Administrator, Contributor
P58. Create Authentication	Administrator
P67. Give Your Feedback	Reader
P70. Organizer Who Applied of Highest Budget	Administrator
P72. Attendance Form	Reader
P73. Attendance Report	Administrator
P10000: Administration	Administrator

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10. Concluding Remarks

Suddip Paul Arnob:

Our work on the project has been a mix of excitement and stress. We've added many things to our app, but each step has brought problems, needing changes. Even though we were happy about moving forward, we also faced tough times as we dealt with unexpected issues. Looking back, the project has had both exciting wins and tough challenges, telling a story of not giving up and getting better.

Iftekharul Islam Ifti:

For me, working on this project was a real delight. I have worked on a full-fledged database for the first time ever. I'm glad we were able to complete this assignment successfully, even though it was difficult to complete in the short amount of time.

Chinmoy Karmakar:

Working on this project was interesting and at the same time it was hardworking for me. I have worked on a full database app application for the first time. I have faced difficulties and then solved it. Working on this project I have learned many things about Database app application. Now, I am happy because we can do this project successfully.

Ankon Nandi:

Working on this project was quite a thrill for me. For the first time ever, I have worked on a full-fledged database. Although it was quite tough to pull off this project in such a short period of time, I am quite happy that we were able to do it successfully.