**CodeFest Management Tool**

**Users**: Lecturer, administrator, candidate student, participant, Organizing Committee Member

**Administrator:**

1. As an administrator, I want to **add users** (Lecturers, Committee Members) so that they can interact with the system.
2. As an administrator, I want to **search/view users** (Lecturers, Committee Members) so that I can search/view user details.
3. As an administrator, I want to **update/remove users** (Lecturers, Committee Members) so that I can update/remove user details and access.
4. As an administrator, I want to **view all the reported problems** **and feedbacks** so that I can take decisions.
5. As an administrator, I want to **send emails to users regarding problems and feedbacks** so that I can inform users.

**Lecturer**:

1. As a Lecturer, I want to **create a main competition** so that I can inform users about competition and to add events under competition.
2. As a Lecturer, I want to **search a main competition** so that I can view details about competition.
3. As a Lecturer, I want to **update/delete a main competition** so that I can update/remove competition details and users can view the change (All the events under that specific competition will be updated/removed).
4. As a Lecturer, I want to **create an event under a specific competition** so that I can inform users about specific event.
5. As a Lecturer, I want to **search an event** so that I can view details about specific event.
6. As a Lecturer, I want to **update/delete an event** so that I can update/remove event details.
7. As a Lecturer, I want to **create a workshop under a specific competition** so that I can inform users about specific workshop.
8. As a Lecturer, I want to **search a workshop under a specific competition** so that I can view details about specific workshop.
9. As a Lecturer, I want to **update/delete a workshop** so that I can update/remove workshop details and users can view the change.
10. As a Lecturer, I want to **create budget for a competition** so that I can inform users about budget allocation.
11. As a Lecturer, I want to **allocate/create budget for a specific event/workshop** so that I can inform users about budget allocation for specific event/workshop.
12. As a Lecturer, I want to **search budget for a specific competition** so that I can view budget details about specific competition.
13. As a Lecturer, I want to **search budget for a specific event/workshop** so that I can view budget details about specific event/workshop.
14. As a Lecturer, I want to **update/remove budget for a competition** so that I can update/remove budget competition details and users can view the change (All the budgets allocated for events/workshops under that specific competition will be updated/removed).
15. As a Lecturer, I want to **update/remove budget for an event** so that I can update/remove event budget details and users can view the change.
16. As a Lecturer, I want to **update/remove budget for a workshop** so that I can update/remove workshop budget details.
17. As a Lecturer, I want to **search a candidate student** so that I can view details about candidate student.
18. As a Lecturer, I wantto **add candidate student to a specific event** so that student get access to the system and will be added to organizing committee (Committee Member).
19. As a Lecturer, I want to **revoke/delete committee member** so that I can remove user details and access.
20. As a Lecturer, I want to **send emails to committee members/Lecturers/participants** regarding events/new appointments/new changes so that I can inform users.
21. As a Lecturer, I want to **report a problem or a feedback** so that I can report faults/requests to administrator.
22. As a Lecturer, I want to **add round results for an event** so that I can inform users about event results.
23. As a Lecturer, I want to **update/delete results of an event** so that I can update/remove event result details and users can view the change.

**candidate student:**

1. As a Candidate Student, I want to **apply for organizing committee member position** so that I can access system.
2. As a Candidate Student, I want to **revoke/update my application for organizing committee member position** so that I can change/withdrawn my application.

**Organizing Committee Member:**

1. As an Organizing Committee Member, I want to **search for events** so that I can view event details.
2. As an Organizing Committee Member, I want to **view results for the event which I am allocated** so that I can view event result details.

**Participant:**

1. As a Participant, I want to **search for events/workshops** so that I can view event/workshop details.
2. As a Participant, I want to **apply for an event** so that I can enter competition.
3. As a Participant, I want to **view final results for event** so that I can view event final results.
4. As a Participant, I want to **send mails** so that I can inquire about event/workshop details.

**Lecturer**:

* Can log into the system using their credentials.
* Have the highest privileges.
* After logged in directly redirect to the admin panel/dashboard.

***In the admin dashboard they can*,**

* View/search the list of all the admin/lecturers’ details and students. 1
* Add/remove/edit student and admin details.
* Add/remove/edit/search/sort events (workshops & all) on event calendar. 2
* View/search registered competitors. 3
* Can send mails to competitors/student/candidate. 4
* Add/remove/edit/search notifications according to categories. 5
* Add/update/delete/search/sort results. 6
* Insert/update/delete theme. 7
* Allocate locations for competitors. 8
* Manage budget. 9
* Give approval for selected students for logged into the system. 10
* Add/remove/update posts/photos to the site. 11

**Candidate**

* Can apply for the post through relevant registration page.
* View the selected committee members.
* View events on event calendar.
* View notifications.
* View the theme.

**Student**

* Can register through relevant registration page.
* After logged in directly redirect to the admin panel/dashboard with restrictions.
* Have the dashboard privileges except these.
* Add/remove/edit student and admin details.
* Can send mails to competitors/student/candidate.
* Give approval for selected students for logged in to the system.
* Can send common mails.

**Participant**

* Can apply for the competition with giving team details.
* submit docs.
* Download docs.
* View events on event calendar.
* View notifications.
* View the theme.
* View the winners.