

Course Bucket

Introduction:

As the world of internet progress , the need of online course contents increase day by day . In order to cope with the situation we introduce our very project an online course offering platform called **COURSE BUCKET** .This website will provide all the necessary services regarding course creation ,purchase and student instructor communication.

Scope:

This project offers a scope for Admin,Guest,Student and Instructor to perform their respective jobs.

Users and their role:

Guest user:

1. When a person first visits the website he is regarded as a guest until he signs up or logs in.
2. A guest user can only see the course image and course description .He cannot buy a course as a student and upload a course as an instructor.

Admin :

1. Admin can approve/delete a newly uploaded course.
2. He can invigilate all the users
3. He can add/update/delete contents of the website

Student :

1. He can purchase a course
2. Provide rating and review of a course
3. Communicate with an Instructor

Instructor :

1. He can upload a course
2. Communicate with a student

Use cases of the system :

1. **Registration** : We allow 2 kinds of registration namely Instructor and Student.Admin accounts are hard coded.And guest account are treated as unregistered account.

2. Students Functionalities :

- a. Student can edit his account settings
- b. He can see his course purchase history
- c. He can see his FAQs
- d. He can see his ratings and reviews
- e. He can access to his purchased course
- f. He can message an instructor

3. Instructors Functionalities :

- a. Instructor can edit his account settings
- b. He can see his created courses
- c. He can see an overview of total revenue,enrollments,ratings and reviews
- d. He can see his students
- e. He can see the sold courses details
- f. He can create a course
- g. He can message his students
- h. He can see FAQs and reviews

4. Admin Functionalities :

- a. He can see user list
- b. He can see,approve and unapprove a course
- c. He can edit Country name and language list
- d. He can edit designation and educational status list
- e. He can edit category list

5. Search Course : One can search a course based on his requirements.

5. Filtering : Filtering is also available to make searched courses more meaningful to the users

6. Notification : Admin,Students and Instructors can see notification on different events

Technology:

- JSF (Primefaces)
- JPA
- JTA
- Hibernate
- CDI
- EJB

Build Tools:

- Maven

Web Server:

- Web Logic 11.c

Database:

- MySQL