1) Task 1

A Company is about to build an E-learning platform. What would be the basic flow for the process of E-learning on the E-learning platform?

1. User Registration: User creates an account with basic information like name, email and learning preferences.
2. Searching the Course & Enrolling the course: Users browser the available courses based on categories, topics or search keywords & preview the selected courses for its description, duration, topics to be covered & objectives. If the selected course satisfies the user than the user will enroll in chosen course by paying for premium content or subscriptions.
3. Learning Experience: User access course module with various formats like videos, text, quizzes & interactive exercises. User navigate through different modules at their own pace, bookmarking progress & revisiting sections as needed. Users engage in discussions, forums or collaborative activities (Optional)
4. Assessment & Feedbacks: Users complete quizzes, assignments or projects for their understanding & receives feedback on their performance, highlighting areas for improvement. Users also earns certificate or badges upon completion, recognizing their achievements.
5. Progress Tracking & Reports: Users monitors their progress through dashboards & reports. Users track completed modules, scores & feedback received. Instructor or administrator access reports to analyze learner performance and platform usage.

2) Task 2

In any job portal, how should subscription work with an Employer role? Define most common test cases with the subscription module in job portal apps.

1. Subscription Plan Selection:
2. Verify that employers can choose from multiple subscription plan based on their requirements (ex:-Basic, Premium, Enterprise)
3. Ensure the selected plan is correctly associated with the employe’s account.
4. Plan Activation & Expiration:
5. Test the activation of chosen subscription plan and confirm that the employer gains access to the subscribed features.
6. Validate that the subscription plan expires automatically after the specified duration.
7. Check if the employer receives notifications or reminders about the upcoming plan expiration.
8. Plan Upgrade/Downgrade:
9. Verify the employer can upgrade or downgrade their subscription plan as needed.
10. Test if the upgrade/downgrade process reflects the changes accurately in terms of features & pricing.
11. Plan Cancellation & Refund:
12. Test the cancellation of subscription plan and ensures that the employer loses the access to the subscribed features.
13. If possible, verify the employer receives a refund according.

3) Task 3

A Company is about to build an application in healthcare domain to provide remotely monitoring solution to Patients by physicians. One of the feature of this application is to book online appointment by patients. Below are the design screen of Book Appointment feature. Create a test case doc for book appointment module of patient. Use Standard Test Case Format.

Successful Appointment Booking:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Description | Pre-Condition | Steps | Test Data | Expected Result | If Pass | If Fail |
| TC-1 | Test for Successful booking of an appointment with a chosen healthcare provider | 1) Patient & Healthcare Provider are logged into the application. 2) Patient is logged into the Patient Portal & has navigated to the “Book Appointment” Section.  3) Healthcare provider profile is available and has open appointments. | 1) Open the application & logged in as a registered patient.  2) Navigate to the Book Appointment section.  3) Patient selects a specific healthcare provider.  4) Patient chose an available date & time slot.  5) Patient select the appointment reason from a list.  6) Patient Confirms the appointment booking. | Date & Time for appointment selection. | 1) Appointment should get successfully booked & confirmed.  2) Confirmation message should display on the screen.  3) Confirmation email or notification should be sent to the patient. | Appointment req. will get successfully submitted & booked & message will displayed & sent to the patient. | Appointment req. will not get booked |
| TC-2 | Rescheduling an existing appointment | Patient has an existing appointment. | 1) Patient & Healthcare Provider are logged into the application. 2) Patient is logged into the Patient Portal & has navigated to the “Manage Appointment” Section.  3) Patients selects the appointment they want to reschedule. | Date & Time of reschedule appointment | Original appointment will get cancelled & new appointment will get booked. Confirm message will be displayed on the screen.  Notification is sent patient & healthcare provider. | Date & Time will get changed & Successful message will be displayed | Date & time won’t get changed. |
| TC-3 | Booking appointment with unavailable slot | A specific date & time slot should be already booked for another patient. | 1) Patient & Healthcare Provider are logged into the application. 2) Patient is logged into the Patient Portal & has navigated to the “Book Appointment” Section.  3) Patients try to book an appointment in an unavailable slot. | Date & Time for appointment | System should display an error message regarding the unavailable time & date slot. | It won’t proceed further & wont book the date & time. | It will book date & time. |