Use Case Specification

DMT/RM01/TMP

|  |  |
| --- | --- |
| Project Code | PRJ\_Banking Exam Portal\_001 |
| Project Name | Banking Exam Portal |

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| --- | --- | --- |
| Prepared/Modified by | Role | Date of Preparation |
| Kavya Killani | Analyst/Software Engineer | 22nd January,2019 |
| Reviewed by | Role | Date of Review |
| Dayanand Patil | Assistant Manager | 8th August, 2016 |
| Approved by | Role | Date of Approval |
| Shilpa Bhosle | Deputy Manager | 9th August, 2016 |
| Circulation List |  | Version Number of the template:1.1 |
| Version Number | 1.1 |  |

<<Customer>> REVIEW HISTORY

<<Customer comments on the Use case along with the signed off is tracked here>>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Version | 1.0 |  |  |  |  |  |
| Date | <<Date of Review>> |  |  |  |  |  |
| Reviewed by | << Reviewer Name>> |  |  |  |  |  |
| Reviewed UI Specification doc | << Whether UI Specification doc is reviewed >> |  |  |  |  |  |
| All Open Queries/issues closed | << Whether all the open queries and issues resolved>> |  |  |  |  |  |
| Agreement on Assumptions | <<Whether all the assumptions have been agreed upon by the customer>> |  |  |  |  |  |
| Sign Off | <<Signature>> |  |  |  |  |  |

Disclaimer:

The scope of the project ‘**Banking Exam Portal’** is restricted to the contents of this signed off use case.

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1. Use Case Name: Login to the BANKING EXAM PORTAL

**Use Case ID:**  UAS.ADMIN.LOGIN\_001

**Brief Description:** This Use Case describes the process by which admin log into the banking exam

portal.

1. Actor(s)
2. Admin
3. Preconditions
4. Admin has already registered on the Banking Exam Portal.
5. Admin has entered the valid URL of Banking Exam Portal and is directed to the home page of BEP.
6. Admin has valid admin id and the password
7. Flow of Events

4.1 BASIC Flow

Admin: Successful add the exam details to the Banking Exam Portal

1.Admin must be authorized.

2.Entered into the home page and added the exam details.

* 1. Alternative Flows

4.2.1 Alternate Flow 1: all fields are entered mandatory

1. All fields should entered mandatorily.
2. All fields like exam type,exam date,number of vacancies,eligibility criteria.
3. Click on SUBMIT button.
4. All the added details are stored in the database.
   * 1. Alternate Flow 2: since bank announces there is vacanies admin can add the details
5. Before adding the details the vacancies should be there in the bank.
6. Admin should get permissions from the bank to add new exam.
7. Admin should add exam details like date of exam,number of vacancies,eligibility criteria.
8. Click on SUBMIT button.
9. Exam details are stored in the database.

4.2.3 Alternate Flow 3:

Exception Flow 1: FAILURE of adding exam details due to the commencement date of exam is not 60 days ahead of notice

1. Admin can only add the exam details only before the two months to the exam date.

2. Admin has to check the current date and should fix the exam date according to the commencement date.

3. Admin gives the date of exam and also the exam details.

4. Click on SUBMIT button.

5. Exam details are updated.

6. Adding the bank exam is successful.

Exception Flow 2:: failure in adding of exam due to registration commencement date must be the future date

1. Admin should fix the date that must be the future date.

2. Admin has to check the current date and should fix the exam date according to the commencement date.

3. Admin gives the date of exam and also the exam details.

4. Click on SUBMIT button.

5. Exam details are updated.

6. Adding the bank exam is successful.

4.2.4 Alternate Flow 4

Exception Flow 1: Web Server Down

1. User clicks on the **Login** link on the University Admission System home page
2. The system displays an error message regarding web server unavailability problem

Exception Flow 3: Database Connectivity Error

1. While admin adding the details there is a problem in storing the exam details in the database.
2. And also while connecting the static page to save in the server connectivity error occurs.
3. The system displays an error message regarding database connectivity problem.

Exception Flow 4: Network Connectivity Error

1. While adding the exam details in middle if the internet connectivity is lost then it leads to error.

2. Admin have to take care of those things.

3. The system displays an error message regarding network connectivity problem.

1. Post Conditions

| Flow Name | Post Condition |
| --- | --- |
| Successful adding the exam details by the admin. | Admin can login to the Banking Portal System and entered the exam details successfully |
| All fields are entered mandatorily | Every field must enter mandatorily. No field should left blank. |
| since bank announces there is vacancies admin can add the details | Before adding the details the vacancies should be there in the bank.  Admin should get permissions from the bank to add new exam. |
| failure of adding exam details due to the commencement date of exam is not 60 days ahead of notice | Admin can only add the exam details only before the two months to the exam date.  Admin have to check the current date and should fix the exam date according to the commencement date. |
| failure in adding of exam due to registration commencement date must be the future date | Admin should fix the date that must be the future date.  Admin have to check the current date and should fix the exam date according to the commencement date. |
| Web Server Down | The system should display an error message to the user regarding web server unavailability problem |
| Database Connectivity Error | The system should display an error message to the user regarding the database connectivity problem |
| Network Connectivity Error | The system should display an error message to the user regarding the network connectivity problem |

1. Special Requirements

Performance

1. The click on ‘View Exam Details’shall display th list of exams within 15 seconds of user request

Availability

* 1. The user can register only on working days 24x7 but cannot register on national holidays.

User Interface

* 1. The letters on Menus shall be bold
  2. The active links shoul be displayed in red color
  3. The visited links should be displayed in purpule color
  4. The logout and back button should be available on every page of the application

Security

1. The system shall display the letters of password in a masked format when they are entered by the customer.
2. The BEP will allow admin to Cancel the registration at any point.
3. Extension Points

Extension in Alternate Flow 1:

1.Each field need to check whether it is entered correctly or not.

2.Add the exam details only if there is vacancy in the bank.

3.Need to update the exam details if necessary.

1. Business Rules

| Business Rule Name | Business Rule Description | System action (if BR fails) |
| --- | --- | --- |
|  | Exam I d cannot be duplicate | Exam details are not added and the error msg. Related to duplicated exam id is displayed |
| BR01 | Admin must be valid | Admin is allowed to add the exam details |
| BRO2 | Same exam details cannot add at the same time | Single exam details must add and that only if there is vacancy in the bank. |

1. Diagrams

Use Case Diagram

1. Scenarios

Success Scenarios

* Successful adding of exam to the Banking Exam Portal
* Successful adding of exam to the Banking Exam Portal by entering all mandatory fields
* Successful adding of exam to the Banking Exam Portal when bank updates vacancy details

Failure Scenarios

* Failure of adding exam due to commencement date is not 60 days ahead of notice
* Failure of adding exam due to registration commencement date is not a future date
* Web Server Down
* Database Connectivity Error
* Network Connectivity Error

1. Issues

* What is the maximum size of username and password that a admin can have ?
* What if the admin is blocked after invalid login attempts for three times ?

1. UI Specifications

<< Provide a link to the UI specification document of the Use case. Please don’t embed the document here>>

1. Inter System Dependencies

**Module: ‘Add Exam Details’**gets impacted due to :

Use case name: Alternate Flow 1

**Impact**: If the admin tries to add exam details without login, he should be denied so.