Use Case Specification

DMT/RM01/TMP

|  |  |
| --- | --- |
| Project Code | PRJ\_BANK\_EXAM\_PORTAL\_001 |
| Project Name | BANK EXAM PORTAL |

|  |  |  |
| --- | --- | --- |
| Prepared/Modified by | Role | Date of Preparation |
| Saraswathi Vijayan | Analyst | 18th May, 2018 |
| Reviewed by | Role | Date of Review |
|  |  |  |
| Approved by | Role | Date of Approval |
|  |  |  |
| Circulation List |  | Version Number of the template:1.0 |
| Version Number | 1.0 |  |

<<Customer>> REVIEW HISTORY

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Version | <<Version number>> |  |  |  |  |  |
| 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 ‘University Admission System’ is restricted to the contents of this signed off use case.

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1. Use Case Name: apply for exam in bank exam portal

Use Case ID: BEP.APPLY.EXAM\_001

Brief Description:

This Use Case describes the process by which applicant can apply for exam in Bank Exam Portal. For Login applicant must be already registered on the System.

1. Actor(s):

1. Applicant

1. Preconditions
2. Applicant has the valid URL of Banking Exam Portal
3. Applicant has valid user id and the password

1. Flow of Events

4.1 Basic Flow

Name: Successful Application of exam

1. Applicants enters url on browser
2. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.
3. The system displays Registration form
4. Applicant selects exam to be Applied
5. System displays exam code
6. Applicant enters first name,middle name,last name
7. Applicant enters mobile number
8. Applicant enters email address,DOB
9. Applicant selects gender,education qualification,marital status,year of passing
10. Applicant uploads signature,photo
11. Applicant clicks submit button
12. The system displays registration id.
    1. Alternative Flows
       1. Alternate Flow 1
13. Applicants clicks on Banking exam portal
14. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.
15. The system displays Registration form
16. Applicant selects exam to be Applied
17. System displays exam code
18. Applicant enters first name,middle name,last name
19. Applicant enters mobile number
20. Applicant enters email address,DOB
21. Applicant selects gender,education qualification,marital status,year of passing
22. Applicant uploads signature,photo
23. Applicant clicks submit button
24. The system displays registration id.

4.2.2 Alternate Flow 2

1. Applicants enters into banking exam portal through favorite links.

2. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.

1. The system displays Registration form
2. Applicant selects exam to be Applied
3. System displays exam code
4. Applicant enters first name,middle name,last name
5. Applicant enters mobile number
6. Applicant enters email address,DOB
7. Applicant selects gender,education qualification,marital status,year of passing
8. Applicant uploads signature,photo
9. Applicant clicks submit button
10. The system displays registration id.

4.2.3 Alternate Flow 3

Exception Flow 1: Registration with invalid name

1. Applicant enters the url
2. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.
3. The system displays Registration form
4. Applicant selects exam to be Applied
5. System displays exam code
6. Appllicant enters name
7. Applicant enters mobile number
8. Applicant enters email address,DOB
9. Applicant selects gender,education qualification,marital status,year of passing
10. Applicant uploads signature,photo
11. Applicant clicks submit button
12. The system displays error message “Inavlid name field”

Exception Flow 2: registration with invalid email

* 1. Applicant enters url
  2. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.

The system displays Registration form

* 1. Applicant selects exam to be Applied
  2. System displays exam code
  3. Applicant enters first name,middle name,last name
  4. Applicant enters mobile number
  5. Applicant enters email address,DOB
  6. Applicant selects gender,education qualification,marital status,year of passing
  7. Applicant uploads signature,photo
  8. Applicant clicks submit button

11.The system displays error message “Inavlid email id”

Exception Flow 3: registration with invalid dob

1. Applicant enters url
2. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.
3. The system displays Registration form
4. Applicant selects exam to be Applied
5. System displays exam code
6. Applicant enters first name,middle name,last name
7. Applicant enters mobile number
8. Applicant enters email address,DOB
9. Applicant selects gender,education qualification,marital status,year of passing
10. Applicant uploads signature,photo
11. Applicant clicks submit button
12. The system displays error message “Inavlid DOB”

Exception Flow 4: Database Connectivity Error

1. Applicant enters url
2. Applpicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.
3. The system displays Registration form
4. Applicant selects exam to be Applied
5. System displays exam code
6. Applicant enters first name,middle name,last name
7. Applicant enters mobile number
8. Applicant enters email address,DOB
9. Applicant selects gender,education qualification,marital status,year of passing
10. Applicant uploads signature,photo
11. Applicant clicks submit button
12. The system displays error message regarding database connectivity

Exception Flow 5: Network Connectivity Error

1. Applicant enters url
2. Applicant clicks on “click here” for new registeration link on the Bank Exam Portal home page.
3. The system displays Registration form
4. Applicant selects exam to be Applied
5. System displays exam code
6. Applicant enters first name,middle name,last name
7. Applicant enters mobile number
8. Applicant enters email address,DOB
9. Applicant selects gender,education qualification,marital status,year of passing
10. Applicant uploads signature,photo
11. Applicant clicks submit button
12. The system displays error message regarding network connectivity
13. Post Conditions

| Flow Name | Post Condition |
| --- | --- |
| Successful registration of exam | System displays registration id |
| Registration through Banking Exam Portal APP | The system displays registration id |
| Registration on Banking Exam portal through favorite link | The system displays registration id |
| Registration with invalid Name | The system displays error message “invalid name” |
| Registration with invalid Email | The system displays error message “invalid email” |
| Registration with invalid DOB | The system displays error message “invalid DOB” |
| Web Server Down | The system should display an error message to the applicant regarding web server unavailability problem |
| Database Connectivity Error | The system should display an error message to the applicant regarding the database connectivity problem |
| Network Connectivity Error | The system should display an error message to the applicant regarding the network connectivity problem |

1. Special Requirements

Performance

1. The click on ‘View Applicants’shall display th list of applicants within 15 seconds of user request

Availability

* 1. The applicant can register for more than one exam.
  2. Application is up and running 24\*7

User Interface

* 1. The letters on Menus shall be bold
  2. The active links shoul be displayed in red color
  3. The visisted links should be displayed in purpule color
  4. The Unvisited links should be displayed in blue
  5. The logout and back button should be available on every page of the application
  6. Look and feel and color of application should be proper.
  7. In case of Field level validation error messages should be displayed in red color.

Security

1. Registered Applicant can only apply for exam.

1. Extension Points

Extension in exception Flow 1:

In step 6, if the applicant has not entered name :

1. The system prompts the applicant to re-enter the name

2. applicant enters the name

3. The system takes applicant to the Step 7 of Basic Flow

Extension in exception Flow 2:

In step 7, if the applicant has entered wrong email:

The system prompts the applicant to re-enter the name

2. applicant enters the email

3. The system takes applicant to the Step 9 of Basic Flow

1. Business Rules

| Business Rule Name | Business Rule Description | System action (if BR fails) |
| --- | --- | --- |
| BR01 | All fields are mandatory | User is prompted to re-enter the all the fields of registration form |
| BR02 | Email field should be valid one | Displayes error message “invalid email” |
| BR03 | DOB should be valid | Displayes error message “invalid DOB” |

1. Diagrams

Use Case Diagram for User

Activity Diagram<<Not Applicable>>

1. Scenarios

Success Scenarios

* Successful registration on Banking Exam Portal
* Registration on Banking Exam portal through favorite link
* Registration through Banking Exam Portal.

Failure Scenarios

* Registration with invalid name field
* Registration with invalid email field
* Registration with invalid DOB field
* Web Server Down
* Database Connectivity Error
* Network Connectivity Error

1. Issues
2. What is the maximum size of username and password that a user can have ?
3. What if the applicant is blocked after invalid login attempts for three times ?
4. UI Specifications
5. Inter System Dependencies
6. Integration with an already existing System of the
7. Assumptions
8. The Applicant knows valid the url.
9. Applicant aware of all fields.
10. Applpicant having computer or mobile source.

REVISION HISTORY OF THE WORK PRODUCT

<to be maintained by projects>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # | Date | Version # | Section Changed | Details of changes made | Approved By |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |