Use Case Specification

DMT/RM01/TMP

|  |  |
| --- | --- |
| Project Code | PRJ\_OnlineSurveyManagementSystem\_001 |
| Project Name | Online Survey Management System |

|  |  |  |
| --- | --- | --- |
| Prepared/Modified by | Role | Date of Preparation |
| Team\_5 | 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: SMS.RESPONDENT.LOGIN\_001

Brief Description:

This Use Case describes the process by which Respondent can login and answering the survey questionarries to the Online Survey Management Webpage.For Login Respondent must be already registered on the System.

1. Actor(s):

1. Respondent

1. Preconditions
2. Respondent has already logged into the Online Survey Management Webpage.
3. Respondent has entered the valid URL of Online Survey Management System and is directed to the home page of SMS
4. Respondent has valid user id and the password
5. Flow of Events

4.1 Basic Flow

Name: Successfully logged into the Online Survey Management Webpage

1. Respondent clicks on the Login link on the Online Survey Management System home page.
2. The system displays Login page
3. Respondent enters Username
4. Respondent enters Password
5. Respondent clicks on the Login button
6. The system validates Username & Password
7. The system navigates Respondent to the Online Survey Management web Page
8. Respondent has to Respond for a survey by answering the survey questionarries
9. View the list of responded survey
   1. Alternative Flows
      1. Alternate Flow 1(Respondent clicks on online survey management webpage on google)
10. Respondent clicks on the google to logged into the Online Survey Management System home page
11. The system displays Login page
12. Respondent enters Username
13. Respondent enters Password
14. Respondent clicks on the Login button
15. The system validates Username & Password
16. The system navigates Respondent to the Online Survey Management web Page
17. Respondent has to Respond for a survey by answering the survey questionarries
18. View the list of responded survey

4.2.2 Alternate Flow 2(Respondent directly logged into the survey questionarries)

1. Respondent directly clicks on the Survey qustionarrie link
2. Respondent has to Respond for a survey by answering the survey questionarries
3. View the list of responded survey View the list of pending survey

4.2.3 Alternate Flow 3

Exception Flow 1: Exceeded Login Attempts

1. Respondent clicks on the Login link on the Online Survey Management System home page
2. The system displays Login page
3. Respondent enters Username
4. Respondent enters Password
5. Respondent clicks on the Login button
6. The system validates Username & Password
7. The system validation fails due to invalid surveyor credentials and no more login attempts remaining
8. The system suspends the Respondent account
9. The system informs the Respondent that his/her account has been suspended

Exception Flow 2: Web Server Down

1. Respondent clicks on the Login link on the Online Survey Management System home page

Exception Flow 3: Database Connectivity Error

1. Respondent clicks on the Login link on the Online Survey Management System home page.
2. The system displays Login page.
3. Respondent enters Username
4. Respondent enters Password
5. Respondent clicks on the Login button
6. The system validates Username & Password

Exception Flow 4: Network Connectivity Error

1. Respondent clicks on the Login link on the Online Survey Management System home page.
2. The system displays Login page.
3. Respondent enters Username
4. Respondent enters Password
5. Respondent clicks on the Login button
6. The system validates Username & Password
7. Post Conditions

| Flow Name | Post Condition |
| --- | --- |
| Successfully Respondent login to the Online Survey Management System | Respondent will be logged in to the SMS successfully and system should navigate Respondent to the Online Survey Management home Page |
| Login to the Online Survey Management system with reattempt | Respondent will be logged in to the SMS successfully and system should navigate Respondent to the Online Survey Management home Page |
| Directly logged into the Online Survey Management System page | Respondent will be logged in to the SMS successfully and system should navigate Respondent to the Online Survey Management home Page |
| Exceeded Login Attempts | The system should suspend the Respondent account and should inform the Respondent that his/her account has been suspended |
| Web Server Down | The system should display an error message to the Respondent regarding web server unavailability problem |
| Database Connectivity Error | The system should display an error message to the Respondent regarding the database connectivity problem |
| Network Connectivity Error | The system should display an error message to the Respondent regarding the network connectivity problem |

1. Special Requirements

Performance

1. When we click on ‘login button’ it shall display the home page within 0.5 seconds.

Availability

* 1. The Respondent can access only on working days 24x7 but cannot working on national holidays.
  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. The system shall display the letters of passwords numbers in a masked format when they are entered by the Respondent.
2. Respondent login should not have admin rights.
3. After clicking on back on browser it should takes you back to the previous page in the list
4. After clicking on Forword on browser it should takes you forword to the next page in the list.
5. Respondent Session should get expire if Respondent is inactive for 10 mins.
6. Extension Points

Extension in Alternate Flow 1:

In step 6, if the respondent has entered wrong Respondent credentials :

1. The system prompts the Respondent to re-enter the credentials

2. Respondent enters the username and password

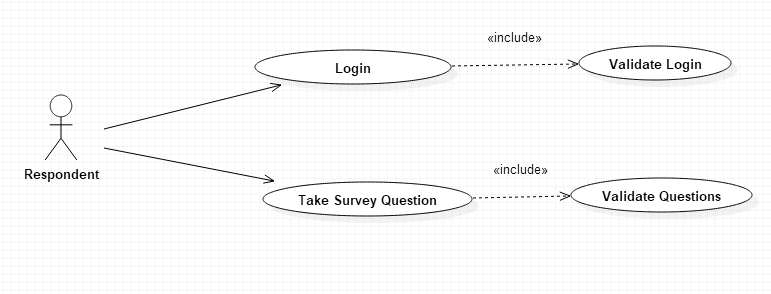
3. The system takes user to the Step 3 of Basic Flow

1. Business Rules

| Business Rule Name | Business Rule Description | System action (if BR fails) |
| --- | --- | --- |
| BR01 | Respondent must be valid | Respondent is prompted to re-enterr the login credentials |
| BR02 | Same Respondent cannot register again | Displayes error message “You have already registered” |
| BR03 | Respondent can view his application status only by entering valid URL Link | Displays error message “Invalid URL Link” |

1. Diagrams

Use Case Diagram for Respondent



Activity Diagram<<Not Applicable>>

1. Scenarios

Success Scenarios

* Successful Respondent login to the Online Survey Management System
* Login to the Online Survey Management System with reattempt
* Login to the Online Survey Management System directly

Failure Scenarios

* Exceeded Login Attempts
* Web Server Down
* Database Connectivity Error
* Network Connectivity Error

1. Issues
2. What is the maximum size of username and password that a Respondent can have ?
3. What if the Respondent is blocked after invalid login attempts for three times ?
4. UI Specifications

https://respondentwebpage.com

1. Inter System Dependencies

<<Mention the related functionality within the application that is impacted because of this use case. E.g variable or value settings in this use-case which will have a direct impact on the functionality of another use-case. Or vice-versa.>>

Module:‘Apply Online for Course’ gets impacted due to :

Use case name:Alternate Flow 1

Impact: If the user tries to apply for a course without login, he should be denied so. <<Mention the impact on the above mentioned Use case because of this use case>>

1. Integration with an already existing System of the <<Customer>><<Not Applicable>>

*<< This is especially applicable if the project at hand is an enhancement to an existing system.>>*

1. Assumptions
2. The Respondent should be authenticate.
3. Respondent should know the valid URL of Online Survey Management System.
4. Respondent should have Google chrome browser for best view of site.

REVISION HISTORY OF THE WORK PRODUCT

<to be maintained by projects>

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