**Use Case 1)**

**Description:**

Professor Loan Application is a feature of University of Central Missouri – CIS website that which is helps a professor to apply for a loan from the university. UCM provides loans to professor from the University foundation. professor may apply a loan for Home, car, children education etc. so, through this website a professor can apply for a loan amount for a tenure of years, when professor applies then the system calculates his eligibility based on the professor experience with university, maximum loan he can incur, marital status, income etc. then the system generate a calculated amount of loan and interest rate along with monthly interest amount that is waived off from his salary. Data base will have the details of professor experience, salary etc. which is on the model side of the application. The view is built on the ASP.net, HTML5 etc. to submit a form by the professor. The controller has the logic to calculate the professor load amount, generate the data, save to database and display it to the director for Approval/decline.

Use Case Description:

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| **Use Case ID:** | UC-1 | | |
| **Use Case Name:** | Professor Loan Application | | |
| **Created By:** | Anirudh Ambatipati | **Last Updated By:** | Anirudh |
| **Date Created:** | 05/02/2017 | **Last Revision Date:** |  |
| **Actors:** | A professor of the university may apply for a loan from the University foundation. | | |
| **Description:** | Professor Loan application will some fields that needs to filled out by the professor and calculations are done based on the input from user | | |
| **Trigger:** | Professor fill up the loan application form and submits | | |
| **Pre Conditions:** | Professor is able to login to system | | |
| **Post Conditions:** | **Success:** The User is authenticated and the system displays a corresponding Loan application form upon user logins.  **Failure:** User is unable to log in for one or more reasons. | | |
| **Normal Flow:** | 1. Enter Username and Password 2. Login to the Loan application form 3. Enter his ID, Loan amount, tenure. 4. Submits the form with valid data | | |
| **Alternate Flow:** | 1. Invalid Username and Password 2. Re-enter the Username and Password 3. Normal flow continues | | |
| **Exceptions:** | * Power goes off while entering username and password * User Computer Crashes * Server down * Network Issues | | |
| **Includes:** |  | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | Performance and security | | |
| **Assumptions:** | User understands English. | | |

**Use Case 2)**

**Description:**

Student scholarship calculator

Use Case Description:

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| **Use Case ID:** | UC-1 | | |
| **Use Case Name:** | Professor Loan Application | | |
| **Created By:** | Anirudh Ambatipati | **Last Updated By:** | Anirudh |
| **Date Created:** | 05/02/2017 | **Last Revision Date:** |  |
| **Actors:** | A professor of the university may apply for a loan from the University foundation. | | |
| **Description:** | Professor Loan application will some fields that needs to filled out by the professor and calculations are done based on the input from user | | |
| **Trigger:** | Professor fill up the loan application form and submits | | |
| **Pre Conditions:** | Professor is able to login to system | | |
| **Post Conditions:** | **Success:** The User is authenticated and the system displays a corresponding Loan application form upon user logins.  **Failure:** User is unable to log in for one or more reasons. | | |
| **Normal Flow:** | 1. Enter Username and Password 2. Login to the Loan application form 3. Enter his ID, Loan amount, tenure. | | |
| **Alternate Flow:** | 1. Invalid Username and Password 2. Re-enter the Username and Password 3. Normal flow continues | | |
| **Exceptions:** | * Power goes off while entering username and password * User Computer Crashes * Server down * Network Issues | | |
| **Includes:** |  | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | Performance and security | | |
| **Assumptions:** | User understands English. | | |