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| **USE CASE – STU001** | | | |
| **Use Case No.** | STU001 | **Use Case Version** | 1.0 |
| **Use Case Name** | View Profile | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 26/09/2015 | **Priority** | Normal |
| **Actor:**   * Student   **Summary:**   * This use case allows Student to view their own profile.   **Goal:**   * Student can view their own profile.   **Triggers:**   * Student sends command to view profile.   **Preconditions:**   * User must log into the system with role as Student.   **Post Conditions:**   * **Success**: Show Student their profile information * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Student goes to view their profile | Display new view that shows Student’s profile including:   * + Student’s name: text   + Student’s code: text   + Student’s identification number: text   + Student’s gender: text   + Student’s date of birth: text   + Student’s address: text   + Student’s phone number: text   + Student’s email address: text   + Phone number of Student’s parent: text   + Email address of Student’s parent: text   + Student’s tuition payments type: text   + Student’s class year: text   + Student’s English level: text |   **Alternative Scenario:** N/A  **Exceptions:**  N/A  **Relationships:** N/A  **Business Rules:**   * Student’s information is loaded from the system’s database | | | |

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| **USE CASE – STU002** | | | |
| **Use Case No.** | STU002 | **Use Case Version** | 1.0 |
| **Use Case Name** | Update Profile | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 25/09/2015 | **Priority** | Normal |
| **Actor:**   * Student   **Summary:**   * This use case allows Student to update their profile information.   **Goal:**   * Student can update their profile information.   **Triggers:**   * Student sends command to update profile.   **Preconditions:**   * User must log into the system with role as Student.   **Post Conditions:**   * **Success**: Update new profile information to database. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Student goes to Update Profile view | Display new view that allows Student to input new information:   * + Student’s phone number: number text input, required, length 8 - 15   + Student’s address: free text input, required, length 3 -250   + Parent’s phone number: number text input, required, length 8 - 15   + Parent’s email address: free text input, required, length 3 -250 | | 2 | Student alters the information in the textboxes |  | | 3 | Student sends command to update profile information | System validates information, request confirmation from Student  [Exception 1] | | 4 | Student sends command to confirm updating profile information | System updates new information to database |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Student sends command to update profile information | System shows error message asking user to input information as the fields’ requirements |   **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:**   * Each textbox has pre-inputted text showing current profile information * In successful scenario, new information will be updated to the system | | | |

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| **USE CASE – STU003** | | | |
| **Use Case No.** | STU003 | **Use Case Version** | 1.0 |
| **Use Case Name** | Change Password | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 25/09/2015 | **Priority** | Normal |
| **Actor:**   * Student   **Summary:**   * This use case allows Student to change their account’s password.   **Goal:**   * Student can change their account’s password   **Triggers:**   * Student sends command to change password.   **Preconditions:**   * User must log into the system with role as Student   **Post Conditions:**   * **Success**: Update new password to database. * **Fail:** The system shows an error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Student goes to change password view | Display new view containing textboxes for user to input their current and new password:   * + Current password: free text input, required, length 6-32   + New password: free text input, required, length 6-32   + Confirm new password: free text input, required, length 6-32 | | 2 | User fills in the textboxes |  | | 3 | Student sends command to change password | System validates information, request confirmation from Student  [Exception 1, 2, 3] | | 4 | Student sends command to confirm changing password | System updates new password to database. |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Student inputs the wrong current password | Show message to notify that the current password is wrong. | | 2 | If the new password and the confirm password are not matched. | Show message to notify that the confirm password is not matched with the new password. | | 3 | If the new password and the current password are matched | Show message to notify that the new password is the same as the current password |   **Relationships:** N/A  **Business Rules:**   * In successful scenario, new password will be updated to the system * Password is encrypted before sending to the server * Textboxes will display \* character for all inputted characters * If all the textboxes is blank, the system keeps the current password in the database * New password must be different from the current password | | | |

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| **USE CASE – STU004** | | | |
| **Use Case No.** | STU004 | **Use Case Version** | 1.0 |
| **Use Case Name** | View Financial Status | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 25/09/2015 | **Priority** | Normal |
| **Actor:**   * Student   **Summary:**   * This use case allows Student to view tuition payments history, retake courses’ payments history, and the tuition fees plan.   **Goal:**   * Student can view their financial status.   **Triggers:**   * Student send command to view their financial status information   **Preconditions:**   * User must log into the system with role as Student   **Post Conditions:**   * **Success**: Show financial status information to Student * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Student goes to Financial status view | Display new view showing following information:   * Tuition payments history: link * Retake Courses’ payments history: link * Tuition fees plan: link | | 2 | Student goes to Financial Status view  [Alternative 1, 2] | Display new view showing Tuition payments history in tabular form including:   * + Order number: text   + Semester’s name: text   + Student’s payment status: text   + Transmission date: text   + Transmission deadline: text   + Detail transmission: link | | 3 | Student sends command to view Detail transmission | Display new view showing Detail transmission including:   * + Student’s name: text   + Student’s code: text   + Student’s gender: text   + Student’s identification number: text   + Student’s tuition payments type: text   + Payment detail description: text   + Initial tuition charge: text   + Deduction fees: text   + Actual tuition charge: text   + Payed fees: text   + Balance: text   + Tuition payment status: text   + The transmission date: text   + Bank’s name: text |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Student sends command to view Retake courses’ payments history | Display new view showing Retake courses’ payments history in tabular form including:   * + Order number: text   + Retake course’s code: text   + Retake course’s name: text   + Student’s payment status: text   + Transmission date: text   + Transmission deadline: text   + Detail transmission: link | | 2 | Student sends command to view Tuition fees plan | Display new view showing Tuition fees plan in tabular form including:   * + Order number: text   + Semester’s code: text   + Semester’s name: text   + Tuition fees: text   + Actual fees: text   + Detail transmission: link |   **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:**   * All information is loaded from the system’s database | | | |

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| **USE CASE – STU005** | | | |
| **Use Case No.** | STU005 | **Use Case Version** | 1.0 |
| **Use Case Name** | View Studied Subjects | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 25/09/2015 | **Priority** | Normal |
| **Actor:**   * Student   **Summary:**   * This use case allows Student to view their semesters and subjects history, and their incomplete subjects.   **Goal:**   * Student can view their study progress.   **Triggers:**   * Student sends command to view their study progress   **Preconditions:**   * User must log into the system with role as Student.   **Post Conditions:**   * **Success**: Show study progress information to student. * **Fail:** Show an error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Student goes to Study Progress view | Display new view showing Study Progress of the latest semester including:  ***Semester’s information***   * Semester’s name: text * Semester’s period: text   ***Subject’s information*** (displayed in tabular form)   * + Order number: text   + Course’s code: text   + Course’s name: text   + Numbers of credits: text   + The half of semester: text   + Course’s grade: text   + Course’s status: text   + Additional note: text | | 2 | Student sends command to view different semester  [Alternative 1] | Display new view showing selected semester information as above |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Student sends command to view Incomplete Subjects | Display new view showing Incomplete subjects in tabular form including:   * + Order number: text   + Course’s code: text   + Course’s name: text   + Numbers of credits: text   + Semester’s name: text   + Reason of incompleteness: text   + Additional note: text |   **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:**   * All information is loaded from the system’s database * The latest semester is determined by Semester’s period. | | | |

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| **USE CASE – STU006** | | | |
| **Use Case No.** | STU006 | **Use Case Version** | 1.0 |
| **Use Case Name** | View Debt | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 26/09/2015 | **Priority** | Normal |
| **Actor:**   * CreditStudent   **Summary:**   * This use case allows CreditStudent to view their own student loans.   **Goal:**   * CreditStudent can view their student loans.   **Triggers:**   * CreditStudent sends command to view their student loans   **Preconditions:**   * User must log into the system with role as CreditStudent   **Post Conditions:**   * **Success**: Show user’s debt information * **Fail:** Show an error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | CreditStudent goes to Debt view | If CreditStudent is undergraduate, display new view showing Debt information including:  ***CreditStudent information:***   * CreditStudent’s name: text * CreditStudent’s code: text   ***Debt information:*** (displayed in tabular form)   * + Date: text   + Loan’s description: text   + Tuition fees: text   + Payed fees: text   + Loan: text   + Exchange rate of dollar to Vietnamese dong: text   + Additional note: text   [Alternative 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | CreditStudent goes to Debt view | If CreditStudent is graduate. display new view showing Debt information including:  ***CreditStudent information:***   * + Student’s name: text   + Student’s code: text   + Student’s date of graduation: text   ***Debt information:*** (displayed in tabular form)   * + Remaining debt at the beginning of repayment period: text.   + Interest: text   + Payed amount: text   + Remaining debt at the end of repayment period: text   + Repayment date: text   + Interest rate: text |   **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:**   * All information is loaded from the system’s database. | | | |

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| **USE CASE – STU007** | | | |
| **Use Case No.** | STU007 | **Use Case Version** | 1.0 |
| **Use Case Name** | View Return Money Status | | |
| **Author** | Vu Nhat Anh Khoa | | |
| **Date** | 26/09/2015 | **Priority** | Normal |
| **Actor:**   * InvestedStudent   **Summary:**   * This use case allows Student to view their own student loans.   **Goal:**   * InvestedStudent can view their Return money status.   **Triggers:**   * Student sends command to view their return money status.   **Preconditions:**   * User must log into the system with role as InvestedStudent.   **Post Conditions:**   * **Success**: Show user’s return money status information * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | InvestedStudent goes to Return money status view | Display new view showing Return money status information including:  ***InvestedStudent information:***   * + Student’s name: text   + Student’s code: text   + Student’s date of graduation: text   ***Debt information:***   * + Remaining debt: text.   + Payed amount: text   + Payed amount: text   + Interest rate: text   + Repayment date: text |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:**   * All information is loaded from the system’s database. | | | |