

## User Stories

### Group 90

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<b>Story Name</b> Student Login		<b>Story ID</b> 0101
<b>As a</b> student		
<b>I want to</b> use my own student ID with password to log in.		
<b>So that</b> my personal information will be protected well since no other students may view my information.		
<b>Priority</b>	very high, high, medium, low, very low	<b>Iteration number</b> 1
<b>Date started</b>	2023.4.5	<b>Date finished</b> 2023.4.10

Back:

<b>Acceptance Criteria</b> 1) There is a text field for the account number and a text field for the password. 2) A button to log in successfully. 3) Password enter field should be encrypted such as ***. 4) May contain other buttons to implement other functions needed in other stories.
<b>Notes:</b> The Login page may contain some other buttons.

**Font:**

<b>Story Name</b> Student Registration		<b>Story ID</b> 0102
<p><b>As a</b>      new student / rookie / freshmen</p> <p><b>I want to</b> register the study system.</p> <p><b>So that</b> I can use some student information such as name, student ID offered by the university, my cell phone numbers and something else to sign up the system.</p>		
<b>Priority</b> <b>very high</b> , high, medium, low, very low	<b>Iteration number</b> 1	
<b>Date started</b> 2023.4.5	<b>Date finished</b> 2023.4.10	

**Back:**

<p><b>Acceptance Criteria</b></p> <ol style="list-style-type: none"><li>1) There should be a text field for name, a text field for nickname and two text field for the passwords.</li><li>2) Verify when the two passwords not matching if the system may give out a warning.</li><li>3) When invalid input appears, the user may get warnings and the input should be deleted.</li><li>4) A button to register successfully and the student will get the student ID.</li><li>5) After registration, the use need to login use the newly registered information to login.</li></ol>
<p><b>Notes:</b> The verification of the input text needs to be added later</p>

**Font:**

<b>Story Name</b> Check grades		<b>Story ID</b> 0103
<p><b>As a</b>    student</p> <p><b>I want to</b> check my grades.</p> <p><b>So that</b>    I can view all my subjects grades I have just learnt and passed.</p>		
<b>Priority</b> <b>very high</b> , high, medium, low, very low	<b>Iteration number</b> 1	
<b>Date started</b> 2023.4.5	<b>Date finished</b> 2023.4.10	

**Back:**

<p><b>Acceptance Criteria</b></p> <ol style="list-style-type: none"><li>1) All subjects name together with the grades of the corresponding student should be displayed on the screen.</li><li>2) No subject which the student who have never taken should be displayed.</li></ol>
<p><b>Notes:</b> Default subject display order to be determined.</p>

**Font:**

<b>Story Name</b> Personal Information Modification		<b>Story ID</b> 0104
<p><b>As a</b>            student</p> <p><b>I want to</b>    change my personal information at some times.</p> <p><b>So that</b>        I can modify my personal information involving password, phone number and nick name etc. Since I may update the my cell phone number when getting a new phone and I will modify the password periodically to ensure my account's security.</p>		
<b>Priority</b>	<b>very high</b> , high, medium, low, very low	<b>Iteration number</b> 1
<b>Date started</b>	2023.4.5	<b>Date finished</b> 2023.4.10

**Back:**

<p><b>Acceptance Criteria</b></p> <ol style="list-style-type: none"><li>1) Verify if all buttons in the panel works the current information.</li><li>2) The system should inform the user when input the invalid information while the incorrect one should be deleted.</li><li>3) Verify if the “confirmed button” is pressed, if all information which is modified successfully in the data files.</li></ol>
<p><b>Notes:</b> the function of the back button and the log out button will be added after</p>

**Font:**

<b>Story Name</b>	Data Storing	<b>Story ID</b>	0105
<b>As a</b> developer			
<b>I want to</b> have files to store the data.			
<b>So that</b> I can use the file to store the user information, subject information and other system default configurations.			
<b>Priority</b>	<b>very high</b> , high, medium, low, very low	<b>Iteration number</b>	1
<b>Date started</b>	2023.4.5	<b>Date finished</b>	2023.4.10

**Back:**

<b>Acceptance Criteria</b> 1) Most of the data files are written as .json files. 2) Verify if the data files needed at the very beginning when the system starts to run can be successfully loaded. 3) Verify if the data can be successfully fetched when needed. 4) Verify if the data can be correctly written back when the system need to modify some information.
<b>Notes:</b> The storage mode has been fixed

**Font:**

<b>Story Name</b>	System UI	<b>Story ID</b>	0105
<b>As a</b> student			
<b>I want to</b> have great UI design.			
<b>So that</b> I can have great HCI (human-computer interactions).			
<b>Priority</b>	very high, <b>high</b> , medium, low, very low	<b>Iteration number</b>	1
<b>Date started</b>	2023.4.5	<b>Date finished</b>	2023.4.10

**Back:**

<b>Acceptance Criteria</b> 1) UI design should be no bugs and the layout should be great. 2) UI design should offers great HCI performance and using logic.
<b>Notes:</b>

**Font:**

<b>Story Name</b> Buttons to Go Back		<b>Story ID</b> 0201
<p><b>As a</b>    student</p> <p><b>I want to</b> have some buttons in some pages which is designed for going back to the previous pages.</p> <p><b>So that</b> I do not need to restart (login again to the system), then I am able to do other operations.</p>		
<b>Priority</b>	very high, <b>high</b> , medium, low, very low	<b>Iteration number</b> 2
<b>Date started</b>	2023.4.11	<b>Date finished</b> 2023.4.20

**Back:**

<p><b>Acceptance Criteria</b></p> <ol style="list-style-type: none"><li>1) Verify if this kind of button exists on every page needed.</li><li>2) Verify if each of Buttons for Going Back goes to the correct page (normally the previous page.)</li><li>3) This kind of button in the registration page and personal information are vital.</li></ol>
<p>Notes:</p>

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<b>Story Name</b> Fault Tolerance		<b>Story ID</b> 0202
<p><b>As a</b>   developer</p> <p><b>I want to</b> inform that the user enter the valid input.</p> <p><b>So that</b>   the java program will not generate the exceptions. At the same time, the wrong input may not be recognized by the system, and the correct one may be needed.</p>		
<b>Priority</b>	very high, high, <b>medium</b> , low, very low	<b>Iteration number</b> 2
<b>Date started</b>	2023.4.11	<b>Date finished</b> 2023.4.20

**Back:**

<p><b>Acceptance Criteria</b></p> <ol style="list-style-type: none"><li>1) All important information text fields need the strict input form.</li><li>2) All important information text fields may not throw exception due to the wrong input since the wrong information may be ignored.</li><li>3) If the student enters invalid form, they should get the corresponding notice.</li></ol>
<p>Notes: Fault tolerance need to be appeared in all frames if needed, such as register frame and personal information frame.</p>



**Font:**

<b>Story Name</b>	GPA counting	<b>Story ID</b>	0203
<b>As a</b> student			
<b>I want to</b> know my GPA .			
<b>So that</b> I can get a general understanding of the study situation and make plans for further learning.			
<b>Priority</b>	very high, high, <b>medium</b> , low, very low	<b>Iteration number</b>	2
<b>Date started</b>	2023.4.11	<b>Date finished</b>	2023.4.20

**Back:**

<b>Acceptance Criteria</b> 1) Verify if GPA counting algorithm is stable enough. 2) Verify if GPA result displays in the right form and right place.
Notes:

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<b>Story Name</b> Course Details		<b>Story ID</b> 0204
<b>As a</b> student		
<b>I want to</b> know my courses' details		
<b>So that</b> I can know the content and arrangement of the next study, and make preparations		
<b>Priority</b>	very high, high, <b>medium</b> , low, very low	<b>Iteration number</b> 2
<b>Date started</b>	2023.4.11	<b>Date finished</b> 2023.4.20

**Back:**

<b>Acceptance Criteria</b> If pressing the course detail button, the course details will be displayed.
Notes:

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<b>Story Name</b>	UI With Small Icons	<b>Story ID</b>	0301
<b>As a</b> student			
<b>I want to</b> have more “cute” UI design.			
<b>So that</b> I, who have poor English skills can also understand what to enter in the field and which button to click.			
<b>Priority</b>	very high, high, medium, <b>low</b> , very low	<b>Iteration number</b>	3
<b>Date started</b>	2023.5.1	<b>Date finished</b>	2023.5.10

**Back:**

<b>Acceptance Criteria</b> 1) Verify if each significant palace is attached an useful icon. 2) Verify if each icon can successfully express the correspondingly accurate meaning.
<b>Notes:</b>

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<b>Story Name</b> Download GPA Certificate		<b>Story ID</b> 0302
<b>As a</b> student		
<b>I want to</b> I can download the GPA certificate.		
<b>So that</b> When I am going to apply for the undergraduate program and other summer schools, I can download my certificate file from the system directly.		
<b>Priority</b>	very high, high, medium, <b>low</b> , very low	<b>Iteration number</b> 3
<b>Date started</b>	2023.5.1	<b>Date finished</b> 2023.5.12

**Back:**

<b>Acceptance Criteria</b> 1) Verify if the GPA of the student is correct, it should be consistent with the GPA displayed on the system. 2) Verify the if the PDF file is in correct form.
<b>Notes:</b>

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<b>Story Name</b>	Download Transcript	<b>Story ID</b>	0303
<b>As a</b> student			
<b>I want to</b> I can download the transcript certificate.			
<b>So that</b> when I am going to apply for the undergraduate program and other summer schools, I can download my certificate file from the system directly.			
<b>Priority</b>	very high, high, medium, <b>low</b> , very low	<b>Iteration number</b>	3
<b>Date started</b>	2023.5.1	<b>Date finished</b>	2023.5.12

**Back:**

<b>Acceptance Criteria</b> <ol style="list-style-type: none"><li>1) Verify if all grades are displayed.</li><li>2) Verify if each subject is positioned with the correspondingly matching grades.</li><li>3) Verify if the file is written in the proper form.</li></ol>
<b>Notes:</b>

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<b>Story Name</b> Subject Introduction		<b>Story ID</b> 0304
<b>As a</b> student		
<b>I want to</b> check subject introductions.		
<b>So that</b> I can have better comprehension on some new subjects. It may help me better prepare for study.		
<b>Priority</b>	very high, high, medium, low, <b>very low</b>	<b>Iteration number</b> 3
<b>Date started</b>	2023.5.1	<b>Date finished</b> 2023.5.12

**Back:**

<b>Acceptance Criteria</b> 1) Verify if the system can offer correct introduction on the subject when the user click the buttons. 2) Verify if every subject has its own introduction.
<b>Notes:</b>