

## Test Case Identification

- **Feature ID 001 : Login**
- **Test Procedure**
  - Open AU SPARK application
  - Input AU account

Test Scenarion	Test ID	Short Description	Data	Expected Output
Valid Username & Password	<b>T001.1</b>	Input correct AU Account	Username : 5613739 Password : 5613739	First name : Pitiwat Last name : Arunruviwat Faculty : Science and technology Major : Computer science Student ID : 5613739 Years : 3 ½ GPA : 2.49 Credits : 124 Advisor name : Songsak Channarukul Room name : VMS 0608
Invalid Username & Password	<b>T001.2</b>	Input incorrect Au Account	Username : ABC Password : XYZ	Incorrect Student ID or Password. Your password for AU SPARK is the first 6 digits of citizen ID or passport number followed by your birthdate. (for example, 12345629/06/1996 or AB123429/06/1996)
Login with emply	<b>T001.3</b>	Fill nothing (Blank)	Username : - Password : -	Alert message “ Result is not available”
Login with empty username	<b>T001.4</b>	Fill only Password	Username : - Password : 5613739	Incorrect Student ID or Password. Your password for AU SPARK is the first 6 digits of citizen ID or passport number followed by your birthdate. (for example, 12345629/06/1996 or AB123429/06/1996)
Login with empty passsword	<b>T001.5</b>	Fill only Username	Username : 5613739 Password : -	Incorrect Student ID or Password. Your password for AU SPARK is the first 6 digits of citizen ID or passport number followed by your birthdate. (for example, 12345629/06/1996 or AB123429/06/1996)
Connect with Facebook successful	<b>T001.6</b>	Link & Receive data to student’s Facebook	Facebook Account	 <b>PITIWAT ARUNRUVIWAT</b> SCIENCE AND TECHNOLOGY COMPUTER SCIENCE  f Connected as Pitawat Arunruviwat
Disconnect with Facebook	<b>T001.7</b>	Logout from Facebook	Facebook Account	String change to “Connect Facebook”
Reset password with least than 5 lengths	<b>T001.8</b>	Input new password contain least than 5 digit or alphabet	AU Account with new password input (0000)	Password length must be greater than 5
Reset password with more than 5 lengths	<b>T001.9</b>	Input new password contain more than 5 digit or alphabet	AU Account with new password input (123456)	- Alert “Update Complete” - Return back previous page before tap reset password
Reset password with more than 5 lengths & different input		Input in “confirm new password” which different from input in “new password”	New password : 123456 Confirm new password : 123456	Error message “Password is not the same”
Logout	<b>T001.10</b>	Logout from AU SPARK	Not require data	Login page will pop out

- **Feature ID 002 : Advisor information**
- **Test Procedure**
  - Tap Advisor name from left side menu

Test Scenarion	Test ID	Short Description	Data	Expected Output
Student have advisor	<b>T002.1</b>	Show information of your advisor	Login with ID 5613739	SONGSAK CHANNARUKUL SCIENCE AND TECHNOLOGY COMPUTER SCIENCE <a href="mailto:songsakchn@au.edu">songsakchn@au.edu</a>  VMS 0608 027232380 Office Room Office Phone
Student doesn't have advisor	<b>T002.2</b>	Student doesn't have advisor or advisor might be not assign to student	Login with ID 5611341	N/A

- **Feature ID 003 : Advising information**
- **Test Procedure**
  - Tap Advising information from left side menu

Test Scenarion	Test ID	Short Description	Data	Expected Output
Student have advising information	<b>T003.1</b>	Student meet advisor already and advisor unlock your status to allow you to pre-resist	Login with ID 5613739	Pre-registration 3/2016 : ALLOWED
Student doesn't have advising information	<b>T003</b>	Student doesn't meet advisor and student cannot pre-regist	Login with ID 5611341	Pre-registration 3/2016 : NOT ALLOWED

- **Feature ID 004 : Grade List**
- **Test Procedure**
  - Tap Grade list from left side menu (Default : By semester)

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show complete Grade list by semester	<b>T004.1</b>	show course that student enrolled and grade of each course	Login with ID 5613739 & Check result on semester 2/2016	List all subjects in that semester with grade
Grade list not shown in each semester	<b>T004.2</b>	- student enroll first semester in AU. - information not load from database	Login with Student ID who study first semester in AU	Data not found

- Tap Grade list by Curriculum

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show complete Grade list by curriculum	<b>T004.3</b>	show course detail in form of group in each faculty's curriculum	Login with ID 5613739	List all subjects enroll already with grade by curriculum - if pass, sign will be green check - if not, sign will be yellow dot
Grade list not shown in each curriculum section	<b>T004.4</b>	- Information error in database - Cannot receive data	Login with Student ID who study first semester in AU	Data not found

## Feature ID 005 : Transcript

### • Test Procedure

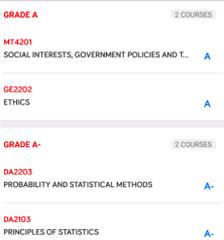
- Tap Grade list from left side menu
- at right top of screen, tap Transcript

Test Scenarion	Test ID	Short Description	Data	Expected Output
Press “Confirm ”	<b>T005.1</b>	Confirm to print transcription	Login with ID 5613739	- Money reduce from AU Student Card - Alert message “Your transcript have been send to printer”
Press “ Cancel ”	<b>T005.2</b>	Cancel request for transcript	Login with ID 5613739	- Go back to Grade list Page

## • Feature ID 006 : Grade Summary

### • Test Procedure

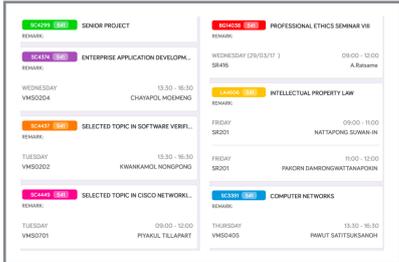
- Tap Grade Summary from left side menu

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show grade summary with complete information	<b>T006.1</b>	Show grade of complete subject group by grade (A A- B+ B B- C+ C C- D F)	Login with ID 5613739	
Grade summary does not show information	<b>T006.2</b>	- Information error in database - Cannot receive data	Login with Student ID who study first semester in AU	Data not found

## • Feature ID 007 : Class

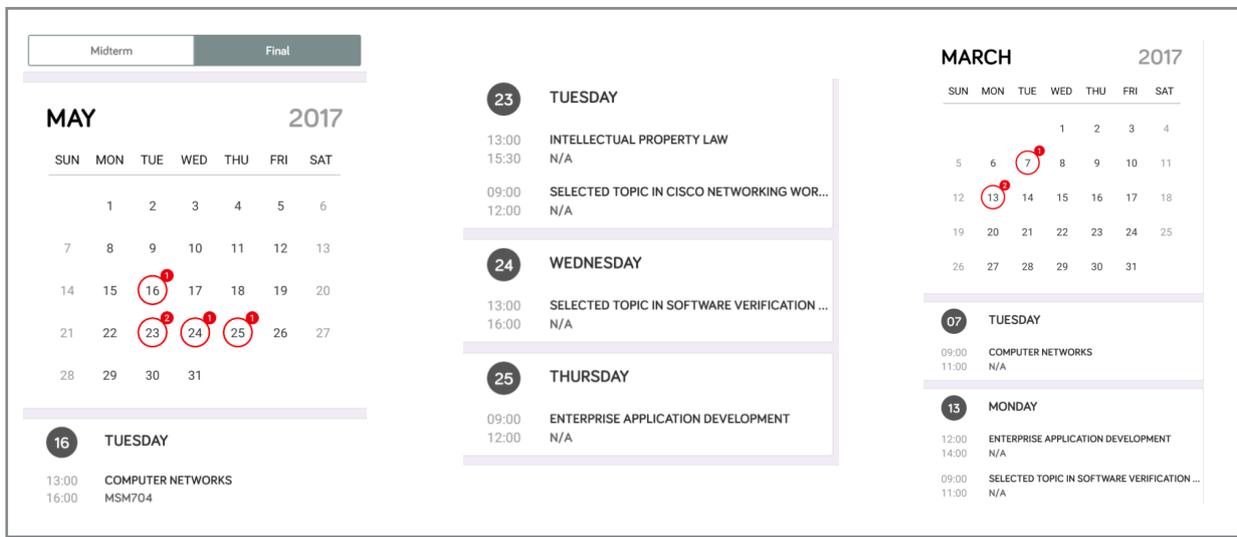
### • Test Procedure

- Tap Class from left side menu
- Tap Examination on right top of screen



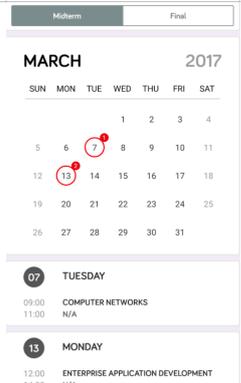
Test Scenarion	Test ID	Short Description	Data	Expected Output
Show Class in current semester	<b>T007.1</b>	Show schedule of each subject(course ID, course name, section, weekday, room name, start date and end date)	Login with ID 5613739	Output must same as picture above
Do not have class in current semester	<b>T007.2</b>	Student does not register in that semester	Login with Student ID who study first semester in AU	Data not found

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show examination date & time	<b>T007.3</b>	Show examination date, time and exam room and mark on the calendar with number of exam on that day	Login with ID 5613739	Output must be same as picture below
Not have examination date & time to show	<b>T007.4</b>	- Show only calendar - no data load from database	Login with ID 5611341	Show only calendar



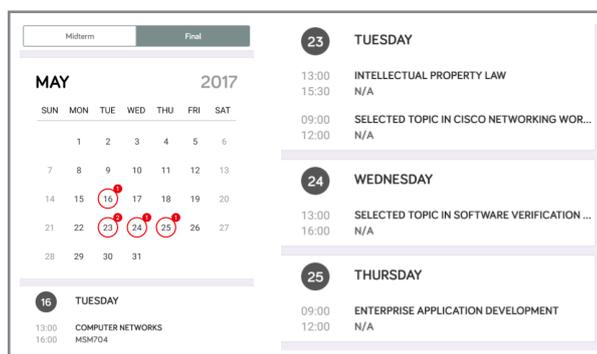
- **Feature ID 008 : Examination**
- **Test Procedure**
  - Tap examination from left side menu (Default : Midterm examination)

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show midterm examination date & time	<b>T008.1</b>	Show examination date, time and exam room and mark on the calendar with number of exam on that day	Login with ID 5613739	Output must be same as picture below
Midterm examination date & time show nothing	<b>T008.2</b>	- Show only calendar - no data load from database	Login with ID 5611341	Show only calendar



- Tap Final in the top of scree

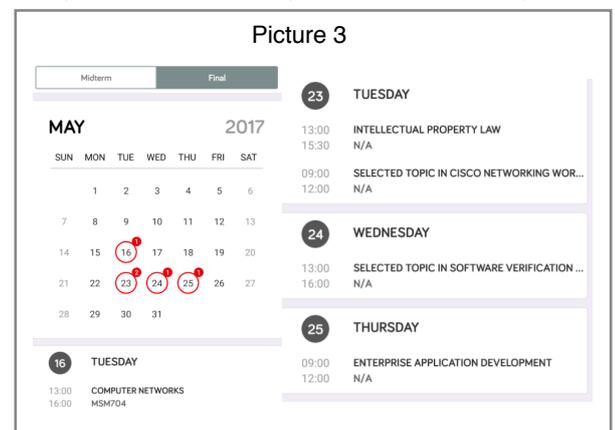
Test Scenarion	Test ID	Short Description	Data	Expected Output
Show Final examination date & time	<b>T008.3</b>	Show examination date, time and exam room and mark on the calendar with number of exam on that day	Login with ID 5613739	Output must be same as picture below
Final examination date & time show nothing	<b>T008.4</b>	- Show only calendar - no data load from database	Login with ID 5611341	Show only calendar



## Feature ID 009 : Previous Semester

- **Test Procedure**
  - Tap Previous Semester from left side menu

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show complete and correct all past semester	<b>T009.1</b>	Show schedule and subject that enroll in all past semester	Login with ID 5613739	Output must be same as picture 1
User do not have previous semester	<b>T009.2</b>	Student might be 1st year student with first semester	Login with Student ID who study first semester in AU	Nothing happen when tapped Previous Semester
Show detail of each semester correctly	<b>T009.3</b>	Tap ... to see list of subject name ,subject ID, room, Date&time and Instructor	Login with ID 5613739	Output must be same as picture 2
Show examination date & time of selected past semester	<b>T009.4</b>	Show examination date, time and exam room and mark on the calendar with number of exam on that day	Login with ID 5613739	Output must be same as picture 3



## Feature ID 010 : Pre registration result

- **Test Procedure**
  - Tap Pre registration result from left side menu

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show Pre-registration result with correct registration	<b>T010.1</b>	Show pre-registration result	Login with ID 5613739	
Not pre-registration yet	<b>T010.2</b>	Student does not pre-resist	Login with Student ID who study first semester in AU	Empty page then tapped pre-resist result

**Feature ID 011 : Plan List (Not Available at this time)**

**• Test Procedure**

Test Scenarion	Test ID	Short Description	Data	Expected Output
Add new plan	<b>T011.1</b>	Student make plan for pre-registration	Login with ID 5613739	-
Cannot add new plan	<b>T011.2</b>	Student cannot make plan because not period of pre-registration	Login with ID 5613739	-

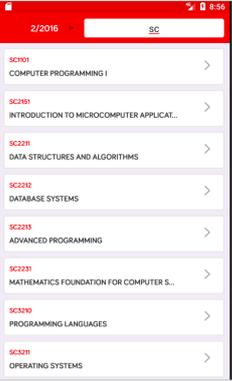
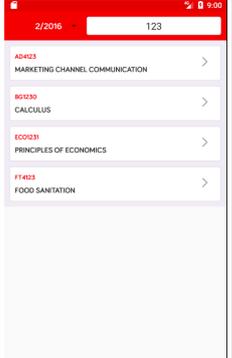
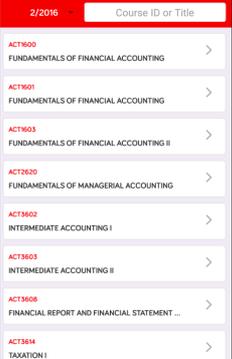
**Feature ID 012 : Class Search**

**• Test Procedure**

- Tap Class Search from left side menu
- Select semester & year

Test Scenarion	Test ID	Short Description	Data	Expected Output
Current semester	<b>T012.1</b>	Choose current to show all course that available to pre-registration	3/2016	
Previous semester	<b>T012.2</b>	see past course that available to pre-registration	2/2016	

- Search with typing some data

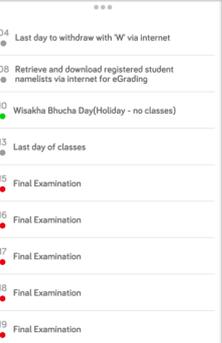
Test Scenarion	Test ID	Short Description	Data	Expected Output
Search course I	<b>T012.3</b>	Search with Alphabets	Typing “SC”	 <p>The screenshot shows a search interface with a red header bar containing the date '2/2016' and a search input field with 'SC' entered. Below the header is a list of search results, each with a course ID and title, and a right-pointing arrow. The results include: SC1901 COMPUTER PROGRAMMING I, SC2151 INTRODUCTION TO MICROCOMPUTER APPLICAT..., SC2211 DATA STRUCTURES AND ALGORITHMS, SC2311 DATABASE SYSTEMS, SC2215 ADVANCED PROGRAMMING, SC2231 MATHEMATICS FOUNDATION FOR COMPUTER S..., SC3310 PROGRAMMING LANGUAGES, and SC3311 OPERATING SYSTEMS.</p>
Search course II	<b>T012.4</b>		Typing “GFD”	Data not found
Search course III	<b>T012.5</b>	Search with Digits	Typing “ 123”	 <p>The screenshot shows a search interface with a red header bar containing the date '2/2016' and a search input field with '123' entered. Below the header is a list of search results, each with a course ID and title, and a right-pointing arrow. The results include: AD4323 MARKETING CHANNEL COMMUNICATION, BG1230 CALCULUS, EC0231 PRINCIPLES OF ECONOMICS, and FT4323 FOOD SANITATION.</p>
Search course III	<b>T012.6</b>	Search with blank space	Space bar “-“	 <p>The screenshot shows a search interface with a red header bar containing the date '2/2016' and a search input field with a blank space entered. Below the header is a list of search results, each with a course ID and title, and a right-pointing arrow. The results include: ACT1600 FUNDAMENTALS OF FINANCIAL ACCOUNTING, ACT1601 FUNDAMENTALS OF FINANCIAL ACCOUNTING, ACT1603 FUNDAMENTALS OF FINANCIAL ACCOUNTING II, ACT1605 FUNDAMENTALS OF MANAGERIAL ACCOUNTING, ACT1602 INTERMEDIATE ACCOUNTING I, ACT1603 INTERMEDIATE ACCOUNTING II, ACT1608 FINANCIAL REPORT AND FINANCIAL STATEMENT..., and ACT1614 TAXATION I.</p>

- Select Course & Section to see information

Test Scenarion	Test ID	Short Description	Data	Expected Output
Section in subject that selected show correct	<b>T012.7</b>	Select subject from search result	Selected Subject	
Selected subject & section	<b>T012.8</b>	Select section from subject that selected from search result	Subject & Section is selected	

### Feature ID 013: AU Calendar

- Test procedure
  - Tap Au Calendar from left side menu

Test Scenarion	Test ID	Short Description	Data	Expected Output
Show all event as same as Calendar in AU website	<b>T013.1</b>	Show mark on calendar which have events and be able to tap “...” to see list of events	Login with ID 5613739	
each events show their information correctly	<b>T013.2</b>	After tap “...” list of event must be same as mark on calendar and same as calendar in AU website	Login with ID 5613739	
Not have Event in that month	<b>T013.3</b>	Show default calendar	Login with ID 5613739	