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| Use Case ID | UC-01 | | | |
| Use Case Name | Examinees register online on a web application | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date | 12/04/18 |
| Actors | Examinees | | | |
| Description | Examinees can register online on a web application | | | |
| Trigger | Examinees click register button | | | |
| Preconditions |  | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| Username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| Password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| Id no | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456789012 |
| Prefix name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Mr/Mrs |
| Name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Sompong |
| Surname | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Meetong |
| Age | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 22 |
| Address | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 401 ABC-condo Chiangmai  Thailand |
| Phone no | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 080-1234567 |
| e-mail | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | SompongZaa@outlook.com |
| Work Address no. | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 16/61 Chiangmai Thailand  50000 |
| Work phone no. | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 02-1234567 |
| Work e-mail | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Works001@outlook.com |
| Register date | date |  | | 16/04/18 |
| Post conditions | If the register use case is successful, the user is logged into the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Examinees input information  (username, password, id no,  Prefix name, surname, address, phone no, e-mail, work address no, work phone no, work e-mail, register-date) | | 2.The system shall provide button “ตรวจสอบชื่อผู้ใช้” for validate exist username  3. The system shall validate that the examinee username exist.  4. The system shall provide the interface to show the message “Username นี้สามารถใช้งานได้” when username exist in the database  5. The system shall provide button “ตรวจสอบเลขบัตรประชาชน” for validate exist ID  6. The system shall validate that the examinee ID no. exist  7. The system shall provide the interface to show the message “บัตรประชาชน นี้สามารถใช้งานได้” when ID no. exist in the database.  8. The system shall save examinee information to database.  9. The system return to login UI. When examinee register successful. | |
| Alternative Flow | A1: The system shall provide interface to show the error message “"กรุณาระบุคำนำหน้าชื่อ"” when examinee does not input prefix name or input wrong prefix name format   1. The system notifies that “กรุณาระบุคำนำหน้าชื่อ” 2. Goes to normal flow 1   A2: The system shall provide interface to show the error message “กรุณาระบุชื่อของคุณให้ถูกต้อง” when examinee does not input name or input wrong name format.   1. The system notifies that “กรุณาระบุชื่อของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A3: The system shall provide interface to show the error message “กรุณาระบุชื่อสกุลของคุณให้ถูกต้อง” when examinee does not input last name or wrong last name format.   1. The system notifies that “ กรุณาระบุชื่อสกุลของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A4: The system shall provide interface to show the error message “กรุณาระบุที่อยู่ของคุณให้ถูกต้อง” when examinee does not input address or input wrong address format.  1. The system notifies that “กรุณาระบุที่อยู่ของคุณให้ถูกต้อง”  2. Goes to normal flow 1  A5: The system shall provide interface to show the error message “กรุณาระบุเบอร์ของคุณให้ถูกต้อง” when examinee does not input phone no or input wrong phone no format.   1. The system notifies that ”กรุณาระบุเบอร์ของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A6: The system shall provide interface to show the error message “กรุณาระบุอีเมลของคุณให้ถูกต้อง” when examinee does not input e-mail or input wrong email format.   1. The system notifies that “กรุณาระบุอีเมลของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A7: The system shall provide interface to show the error message “กรุณาระบุที่อยูที่ทำงานของคุณให้ถูกต้อง” when examinee does not input work address or input wrong work address format.   1. The system notifies that “กรุณาระบุที่อยูที่ทำงานของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A8: The system shall provide interface to show the error message “กรุณาระบุเบอร์ที่ทำงานของคุณให้ถูกต้อง” when examinee does not input phone no or input wrong phone no format.   1. The system notifies that “กรุณาระบุเบอร์ที่ทำงานของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A9: The system shall provide interface to show the error message “กรุณาระบุอีเมลที่ทำงานของคุณให้ถูกต้อง” when examinee does not input work e-mail or input wrong work e-mail format.   1. The system notifies that “กรุณาระบุอีเมลที่ทำงานของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A10: The system shall provide interface to show the error message “กรุณาระบุการศึกษาสูงสุดของคุณให้ถูกต้อง” when examinee does not input graduate or input wrong graduate format.   1. The system notifies that “กรุณาระบุการศึกษาสูงสุดของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A11: The system shall provide interface to show the error message “กรุณาระบุประสบการณ์การทำงานของคุณให้ถูกต้อง” when examinee does not input work experience or input wrong work experience format.   1. The system notifies that “กรุณาระบุประสบการณ์การทำงานของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A12: The system shall provide interface to show the error message “กรุณาระบุขอบข่ายที่ขอรับการทดสอบของคุณให้ถูกต้อง” when examinee does not input scope for testing or input wrong scope for testing format.   1. The system notifies that “กรุณาระบุขอบข่ายที่ขอรับการทดสอบของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A13: The system shall provide interface to show the error message “กรุณาระบุตำ แหน่งงานของคุณให้ถูกต้อง” when examinee does not input position or input wrong position format.   1. The system notifies that “กรุณาระบุตำ แหน่งงานของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A14: The system shall provide interface to show the error message “กรุณาระบุรายละเอียดงานปัจจุบัน ของคุณให้ถูกต้อง” when examinee does not input position detail or input wrong position detail format.   1. The system notifies that “กรุณาระบุรายละเอียดงานปัจจุบัน ของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A15: The system shall provide interface to show the error message “กรุณาระบุการฝึกอบรม/ดูงานของคุณให้ถูกต้อง” when examinee does not input workshop or input wrong workshop format.   1. The system notifies that “กรุณาระบุการฝึกอบรม/ดูงานของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A16: The system shall provide interface to show the error message “กรุณาระบุโคด้ ของคุณให้ถูกต้อง” when examinee does not input captcha or input wrong captcha format.   1. The system notifies that “กรุณาระบุโคด้ ของคุณให้ถูกต้อง” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption |  | | | |

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| Use Case ID | UC-02 | | | |
| Use Case Name | Guest user login on web application | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Guest user | | | |
| Description | Guest user can login on web application | | | |
| Trigger | Guest user click login button | | | |
| Preconditions | Guest user must have register in the system already | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| Username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| Password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| Post conditions | If the use case is successful, the user is logged into the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.User input username and password | | 2. The system shall validate username and password from database.  [A1: guest user inputs incorrect username but input incorrect password,  System shall display message. “รหัสผ่านผิดพลาด ”  A:2 The system shall display message “ไม่มี Username นี้ในระบบ”, when guest user inputs both incorrect username and password  A3: The system shall display message“ไม่มี Username นี้ในระบบ”, when guest user inputs incorrect password but input incorrect username  A4: The system shall display message“กรุณากรอกรหัสผ่าน”, when guest user does not the password text field blank.  A5: The system shall display message“รหัสผ่านจะต้องไม่เหมือนชื่อ Username”, when guest user when input password same username.  A6: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน ”, when guest user does not the username in text field.  A7:The system shall display message“กรุณากรอกรหัสผู้ใช้งาน ”, when guest user when input blank both username and password.]  3. The system redirect to examinee UI when examinee login successful. | |
| Alternative Flow | A1. guest user inputs incorrect username but input incorrect password,  System shall display message. “รหัสผ่านผิดพลาด”   1. The system notifies that “รหัสผ่านผิดพลาด” 2. Goes to normal flow 1   A:2 The system shall display message “ไม่มี Username นี้ในระบบ”, when guest user inputs both incorrect username and password   1. The system notifies that “ไม่มี Username นี้ในระบบ” 2. Goes to normal flow 1   A3: The system shall display message“ไม่มี Username นี้ในระบบ”, when guest user inputs incorrect password but input incorrect username   1. The system notifies that “ไม่มี Username นี้ในระบบ” 2. Goes to normal flow 1   A4: The system shall display message“กรุณากรอกรหัสผ่าน”, when guest user does not the password text field blank.   1. The system notifies that “กรุณากรอกรหัสผ่าน” 2. Goes to normal flow 1   A5: The system shall display message“รหัสผ่านจะต้องไม่เหมือนชื่อ Username”, when guest user when input password same username.   1. The system notifies that “รหัสผ่านจะต้องไม่เหมือนชื่อ Username” 2. Goes to normal flow 1   A6: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน ”, when guest user does not the username in text field.   1. The system notifies that “กรุณากรอกรหัสผู้ใช้งาน” 2. Goes to normal flow 1   A7:The system shall display message“กรุณากรอกรหัสผู้ใช้งาน ”, when guest user when input blank both username and password.   1. The system notifies that “กรุณากรอกรหัสผู้ใช้งาน” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Actor must already have the username and password. | | | |

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| Use Case ID | UC-03 | | | |
| Use Case Name | Examinees edit their own profile | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Examinees | | | |
| Description | Examinees can edit their own profile | | | |
| Trigger | Examinees click menu “ข้อมูลส่วนตัว” | | | |
| Preconditions | Examinees must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| Username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| Password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| address | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 401 ABC-condo Chiangmai  Thailand |
| Phone no | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 080-1234567 |
| email | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | SompongZaa@outlook.com |
| work address | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 16/61 Chiangmai Thailand  50000 |
| Work phone no | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 02-1234567 |
| Work email | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Works001@outlook.com |
| Post conditions | If the use case is successful, The system shall update new profile into the database. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.User input new update profile | | 2. The system shall provide edit their profile UI, which include password, name (ชื่อ), last name (นามสกุล), address (ที่อยู่) , phone no(โทรศํพท์), email (อีเมล์), work address (ที่อยู่ทำงาน),work phone no (โทรศัพท์ ทำงาน) and work email (อีเมล์ ทำงาน).  3. The system retrieve the examinee profile from database.  4. The system shall provide the interface to show the confirm box “กรุณา ยืนยันการแกไข ”and return to edit their profile UI.  [A1: The system shall provide interface to show the error message “กรุณากรอก password ให้ถูกต้อง”when examinee does not input password or input wrong format  A2: The system shall provide interface to show the error message “กรุณาระบุชื่อของคุณให้ถูกต้อง” when examinee does not input or input wrong format name (ชื่อ).  A3: The system shall provide interface to show the error message “กรุณาระบุ ชื่อสกุลของคุณให้ถูกต้อง” when examinee does not input or wrong input format last name (นามสกุล).  A4: The system shall provide interface to show the error message “กรุณาระบุหมายเลขโทรศัพท์ (ตัวอย่าง: 0801234567)” when examinee does not input or input wrong format phone (โทรศัพท์).  A5: The system shall provide interface to show the error message “กรุณาระบุ ที่อยูที่ทำงานของคุณ" ” when examinee does not input or input wrong format work address (ที่อยูที่ทำงาน).  A6: The system shall provide interface to show the error message “กรุณาระบุหมายเลขโทรศัพท์ (ตัวอย่าง: 0801234567)” when examinee does not input or input wrong format work phone no. (เบอร์โทรที่ทำงาน).  A7: The system shall provide interface to show the error message “กรุณาระบุ อีเมลให้ถูกต้อ ง” when examinee does not input or input wrong format work email  (อีเมลที่ทำงาน).]  5. The system shall update new profile into the database | |
| Alternative Flow | A1: The system shall provide interface to show the error message “กรุณากรอก password ให้ถูกต้อง”when examinee does not input password or input wrong format   1. The system notifies that “กรุณากรอก password ให้ถูกต้อง” 2. Goes to normal flow 1   A2: The system shall provide interface to show the error message “กรุณาระบุชื่อของคุณให้ถูกต้อง” when examinee does not input or input wrong format name (ชื่อ).   1. The system notifies that ”กรุณาระบุชื่อของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A3: The system shall provide interface to show the error message “กรุณาระบุ ชื่อสกุลของคุณให้ถูกต้อง” when examinee does not input or wrong input format last name (นามสกุล).   1. The system notifies that “ กรุณาระบุชื่อสกุลของคุณให้ถูกต้อง” 2. Goes to normal flow 1   A4: The system shall provide interface to show the error message “กรุณาระบุหมายเลขโทรศัพท์ (ตัวอย่าง: 0801234567)” when examinee does not input or input wrong format phone (โทรศัพท์).   1. The system notifies that “กรุณาระบุหมายเลขโทรศัพท์(ตัวอย่าง: 0801234567)” 2. Goes to normal flow 1   A5: The system shall provide interface to show the error message “กรุณาระบุ ที่อยูที่ทำงานของคุณ” when examinee does not input or input wrong format work address (ที่อยูที่ทำงาน).   1. The system notifies that “กรุณาระบุที่อยุ่ที่ทำงานของคุณ” 2. Goes to normal flow 1   A6: The system shall provide interface to show the error message “กรุณาระบุหมายเลขโทรศัพท์ (ตัวอย่าง: 0801234567)” when examinee does not input or input wrong format work phone no. (เบอร์โทรที่ทำงาน).   1. The system notifies that “ กรุณาระบุหมายเลขโทรศัพท์(ตัวอย่าง: 0801234567)” 2. Goes to normal flow   A7: The system shall provide interface to show the error message “กรุณาระบุ อีเมลให้ถูกต้อง” when examinee does not input or input wrong format work email  (อีเมลที่ทำงาน).   1. The system notifies that “กรุณาระบุอีเมลให้ถูกต้อง” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have information in the system | | | |

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| Use Case ID | UC-04 | | | |
| Use Case Name | Examinees view profile | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Examinees | | | |
| Description | Examinees can view their own profile | | | |
| Trigger | Examinees click menu “ข้อมูลส่วนตัว” | | | |
| Preconditions | Examinees must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful, The system shall show user information. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.User select menu “ข้อมูลส่วนตัว” | | 2.The system retrieve the examinee information result from database.   1. The system provide the examinee information profile which include name, password, name (ชื่อ), last name (นามสกุล), address (ที่อยู่), phone (โทรศัพท์), email (อีเมล์), address (ที่อยูทำงาน), phone (โทรศัพท์ทำงาน) and email (อีเมล์ทำงาน) from database. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have information in the system | | | |

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| Use Case ID | UC-05 | | | |
| Use Case Name | Examinees register on examination | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Examinees | | | |
| Description | Examinees can register on the examination. | | | |
| Trigger | Examinees click “ลงทะเบียนสอบ” | | | |
| Preconditions | Examinees must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful The system shall save the examinee registration to the database. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1. Examinees select menu “ลงทะเบียนสอบ” | | 2. The system shall provide the interface to show the message “กรุณาเลือกวิชาสอบที่ต้องการ” when examinee does not select ลงทะเบียนวิชาสอบ.  3. The system shall provide the interface to show the message “กรุณาเลือก ระดับวิชา” when examinee does not select ระดับวิชา.  4.The system shall provide the interface to show the message “กรุณาเลือก ระดับวิชา” when examinee does not select ระดับวิชา” and ลงทะเบียนวิชาสอบ.  5. The system shall provide button “ลงทะเบียน” for register the examination.  6. The system shall interface to show the confirm box “กรุณายืนยันการลงทะเบียน”  7.The system shall save the examinee registration to the database. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have information in the system | | | |

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| Use Case ID | UC-06 | | | |
| Use Case Name | Examinees delete the register on examination | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Examinees | | | |
| Description | Examinees can delete the registration of the examination. | | | |
| Trigger | Examinees click “ลงทะเบียนสอบ” | | | |
| Preconditions | Examinees must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful The system shall delete the examination from the database. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.user select menu “ลงทะเบียนสอบ” | | 2. The system provides delete their registered examination UI, which include the registered examination list and examination schedule and button “ลบ”.  3. The system shall interface to show the confirm box “กรุณายืนยันการลบอีกครั้ง!!!” and delete from database. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have examination register in the system | | | |

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| --- | --- | --- | --- | --- |
| Use Case ID | UC-07 | | | |
| Use Case Name | Examinees view the examination registration | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Examinees | | | |
| Description | Examinees can view the examination registration confirmation. | | | |
| Trigger | Examinees click “ข้อมูลส่วนตัว” | | | |
| Preconditions | Examinees must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful The system shall show the examination registration. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.User select menu “ข้อมูลส่วนตัว” | | 2. The system retrieve the examination registration confirmation from database  3. The system shall provide examination registration confirmation list. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have examination register in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-08 | | | |
| Use Case Name | Examinees view the examination result. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Examinees | | | |
| Description | Examinees can view the examination result. | | | |
| Trigger | Examinees click “ข้อมูลส่วนตัว” | | | |
| Preconditions | Examinees must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful The system shall show the examination result . If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.User select menu “ข้อมูลส่วนตัว” | | 2. The system retrieve the examination result from database.  3. The system shall provide examination result. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have examination in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-09 | | | |
| Use Case Name | Users log out the web application. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Users | | | |
| Description | Users can log out of the web application. | | | |
| Trigger | Users click “ออกจากระบบ” | | | |
| Preconditions | Users must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | User must logout the system already | | | |
| Normal Flows | User | | System | |
|  | 1.User select menu “ออกจากระบบ” | | 2. The system redirect to home page. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Examinees must have logged in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-10 | | | |
| Use Case Name | Admin login to the administration system | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can login to the administration system. | | | |
| Trigger | Guest user click login to the administration system. | | | |
| Preconditions | Admin must have username and password in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| Username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| Password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| Post conditions | If the use case is successful The user is logged into the administration system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input username and password | | 2. The system shall validate username and password from database.  [A1: if guest user inputs incorrect username but input incorrect password,  System shall display message. “รหัสผ่านผิดพลาด่ ”  A2: The system shall display message “ไม่มี Username นี้ในระบบ”, when guest user inputs both incorrect username and password,  A3: The system shall display message“ไม่มี Username นี้ในระบบ”, when guest user inputs incorrect password but input incorrect username.  A4: The system shall display message“กรุณากรอกรหัสผ่าน”, when guest user does not the password text field blank.  A5: The system shall display message“รหัสผ่านจะต้องไม่เหมือนชื่อ Username”, when guest user when input password same username.  A6: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน”, when guest user does not the username in text field.  A7: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน”, when guest user when input blank both username and password  ]  3. The system redirect to admin UI when admin login successful. | |
| Alternative Flow | A1: if guest user inputs incorrect username but input incorrect password,  System shall display message. “รหัสผ่านผิดพลาด”   1. The system notifies “รหัสผ่านผิดพลาด” 2. Goes to normal flow 1   A2: The system shall display message “ไม่มี Username นี้ในระบบ”, when guest user inputs both incorrect username and password,   1. The system notifies “ไม่มี Username นี้ในระบบ” 2. Goes to normal flow 1   A3: The system shall display message“ไม่มี Username นี้ในระบบ”, when guest user inputs incorrect password but input incorrect username.   1. The system notifies “ไม่มี Username นี้ในระบบ” 2. Goes to normal flow 1   A4: The system shall display message“กรุณากรอกรหัสผ่าน”, when guest user does not the password text field blank.   1. The system notifies “กรุณากรอกรหัสผ่าน” 2. Goes to normal flow 1   A5: The system shall display message“รหัสผ่านจะต้องไม่เหมือนชื่อ Username”, when guest user when input password same username.   1. The system notifies “รหัสจะต้องไม่เหมือนชื่อ Username” 2. Goes to normal flow 1   A6: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน”, when guest user does not the username in text field.   1. The system notifies “กรุณากรอกรหัสผู้ใช้งาน” 2. Goes to normal flow 1   A7: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน”, when guest user when input blank both username and password   1. The system notifies “กรุณากรอกรหัสผู้ใช้งาน” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have username and password in the system | | | |

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| --- | --- | --- | --- | --- |
| Use Case ID | UC-11 | | | |
| Use Case Name | Admin add inspectors, staffs and examiners to system. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can add inspectors, staffs and examiners to system. | | | |
| Trigger | Admin click “create user” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Type of user | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Examimers |
| Post conditions | If the use case is successful The inspectors, staffs and examiners profile will add in the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall save the user information to the database.[A1: The system shall provide interface to show the error message “Username cannot be blank” when admin does not input username  A2: The system shall provide interface to show the error message “Password cannot be blank” when admin does not input password.  A3: The system shall provide interface to show the error message “Name cannot be blank” when admin does not input name. ]  3. The system shall provide user information when admin added user successful. | |
| Alternative Flow | A1: The system shall provide interface to show the error message “Username cannot be blank” when admin does not input username   1. The system notifies that “Username cannot be blank” 2. Goes to normal flow 1   A2: The system shall provide interface to show the error message “Password cannot be blank” when admin does not input password.   1. The system notifies that “Password cannot be blank” 2. Goes to normal flow 1   A3: The system shall provide interface to show the error message “Name cannot be blank” when admin does not input name.   1. The system notifies that “Name cannot be blank” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-12 | | | |
| Use Case Name | Admin search for the information of inspectors, staffs and examiners | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can search for the information of inspectors, staffs and examiners | | | |
| Trigger | Admin click “search” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Level for search information. | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Examimers |
| Post conditions | If the use case is successful The inspectors, staffs and examiners profile will add in the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall retrieve user information from database.[A1: The system shall display “No results found”, when admin inputs id, but the id does not exist in the database,  A2: The system shall display “No results found”, when admin inputs username, but the username does not exist in the database.  A3: The system shall display “No results found”, when admin inputs password does not exist in the database.  A4: The system shall display “No results found” when admin inputs level does not exist in the database. ]  3. The system shall provide user information list | |
| Alternative Flow | A1: The system shall display “No results found”, when admin inputs id, but the id does not exist in the database,   1. The system notifies that “No result found” 2. Goes to normal flow 1   A2: The system shall display “No results found”, when admin inputs username, but the username does not exist in the database.   1. The system notifies that “No result found” 2. Goes to normal flow 1   A3: The system shall display “No results found”, when admin inputs password does not exist in the database.   1. The system notifies that “No result found” 2. Goes to normal flow 1   A4: The system shall display “No results found” when admin inputs level does not exist in the database.   1. The system notifies that “No result found” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-13 | | | |
| Use Case Name | Admin view the information of inspectors, staffs and examiners. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can view the information of inspectors, staffs and examiners. | | | |
| Trigger | Admin select icon “view” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| status | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | inspectors |
| Post conditions | If the use case is successful The inspectors, staffs and examiners profile will show in display. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall retrieve user information from database  3. The system provides user information list which include (ID, username, password, ชื่อ (name) or ระดับ (level). | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-14 | | | |
| Use Case Name | Admin edit the information of inspectors, staffs and examiners | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can edit the information of inspectors, staffs and examiners | | | |
| Trigger | Admin select icon “edit” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Post conditions | If the use case is successful The inspectors, staffs and examiners profile edited will update in the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall retrieve user information from database  3. The system shall update new information into the database  4. The system validates the user information which includes username, password, and name. [A1: The system shall provide the interface to show the error message “Username cannot be blank” when user does not input username  A2: The system shall provide the interface to show the error message “Password cannot be blank” when user does not input password.  A3: The system shall provide the interface to show the error message “Name cannot be blank” when user does not input name.]  5. The system shall provide new user information list. | |
| Alternative Flow | A1: The system shall provide the interface to show the error message “Username cannot be blank” when user does not input username   1. The system notifies “Users cannot be blank” 2. Goes to normal flow 1   A2: The system shall provide the interface to show the error message “Password cannot be blank” when user does not input password.   1. The system notifies “Password cannot be blank” 2. Goes to normal flow 1   A3: The system shall provide the interface to show the error message “Name cannot be blank” when user does not input name   1. The system notifies “Name cannot be blank” 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-15 | | | |
| Use Case Name | Admin delete the account of inspectors, staffs and examiners. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can delete the account of inspectors, staffs and examiners. | | | |
| Trigger | Admin select icon “delete” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Post conditions | If the use case is successful The inspectors, staffs and examiners profile will delete from the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall interface to show the confirm box “Are you sure to want to delete this item”  3. The system delete user from database.  4. The system shall provide user information list. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-16 | | | |
| Use Case Name | Admin view the information of examinees. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can view the information of examinees. | | | |
| Trigger | Admin select icon “view” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Post conditions | If the use case is successful The examinees profile will show in the display. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall retrieve examinee information from database  3. The system shall provide examinee information list. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have logged in administration system, examinees profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-17 | | | |
| Use Case Name | Admin search for the information of examinees. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can search for the information of examinees. | | | |
| Trigger | Admin select icon “view” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| id | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| Prefix name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Last name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Mahathep |
| address | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 55/61 London UK |
| Phone no. | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 0901234567 |
| Post conditions | If the use case is successful The examinees profile will show in the display. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system validates (id, prefix name, name, last name, address and phone no.)  [A1: The system shall display “No results found”, when ID does not exist in the database.  A2: The system shall display “No results found”, when prefix name does not exist in the database.  A3: The system shall display “No results found”, when name does not exist in the database.  A4: The system shall display “No results found”, when name last does not exist in the database.  A5: The system shall display “No results found”, when address does not exist in the database.  A6: The system shall display “No results found”, when phone no. does not exist in the database. ]  3. The system shall retrieve examinee information from database.  4. The system shall provide examinee information list. | |
| Alternative Flow | A1: The system shall display “No results found”, when ID does not exist in the database.   1. the system notifies “No results found” 2. goes to normal flow 1   A2: The system shall display “No results found”, when prefix name does not exist in the database.   1. the system notifies “No results found” 2. goes to normal flow 1   A3: The system shall display “No results found”, when name does not exist in the database.   1. the system notifies “No results found” 2. goes to normal flow 1   A4: The system shall display “No results found”, when name last does not exist in the database.   1. the system notifies “No results found” 2. goes to normal flow 1   A5: The system shall display “No results found”, when address does not exist in the database.   1. the system notifies “No results found” 2. goes to normal flow 1   A6: The system shall display “No results found”, when phone no. does not exist in the database.   1. the system notifies “No results found” 2. goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have logged in administration system, examinees profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-18 | | | |
| Use Case Name | Admin delete the information of examinees. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Admin | | | |
| Description | Admin can delete the information of examinees. | | | |
| Trigger | Admin select icon “delete” | | | |
| Preconditions | Admin must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| name | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Somjeam |
| Post conditions | If the use case is successful The examinees profile will delete from the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Admin input information  of user in system | | 2. The system shall interface to show the confirm box “Are you sure to want to delete this item”.  3. The system delete examinee account from database.  4. The system shall provide examinee information list after delete compete. | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-19 | | | |
| Use Case Name | Staffs log in on web application. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Staffs | | | |
| Description | Staffs can log in on web application. | | | |
| Trigger | Staffs click log in button | | | |
| Preconditions | Staffs must have username and password | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| username | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | Inwza007 |
| password | String | This value is a combination of numeric and character with the minimum length of 4 characters and the maximum length of 16 characters. | | 123456bc |
| Post conditions | If the use case is successful The staffs logged in the system. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.User input staffs username and password | | 2. The system shall validate username and password from database.  [A1: if guest user inputs incorrect username but input incorrect password,  System shall display message. “รหัสผ่านผิดพลาด ”  A2: The system shall display message “ไม่มี Username นี้ในระบบ”, when guest user inputs both incorrect username and password  A3: The system shall display message“ไม่มี Username นี้ในระบบ”, when guest user inputs incorrect password but input incorrect username.  A4: The system shall display message“กรุณากรอกรหัสผ่าน”, when guest user does not the password text field blank.  A5: The system shall display message“รหัสผ่านจะต้องไม่เหมือนชื่อ Username”, when guest user when input password same username.  A6: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน ”, when guest user does not the username in text field.  A7: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน ”, when guest user when input blank both username and password. ]  3. The system redirect to staff UI when staff login successful. | |
| Alternative Flow | A1: if guest user inputs incorrect username but input incorrect password,  System shall display message. “รหัสผ่านผิดพลาด”   1. The system notifies “รหัสผ่านผิดพลาด” 2. Goes to normal flow 1   A2: The system shall display message “ไม่มี Username นี้ในระบบ”, when guest user inputs both incorrect username and password,   1. The system notifies “ไม่มี Username นี้ในระบบ” 2. Goes to normal flow 1   A3: The system shall display message“ไม่มี Username นี้ในระบบ”, when guest user inputs incorrect password but input incorrect username.   1. The system notifies “ไม่มี Username นี้ในระบบ” 2. Goes to normal flow 1   A4: The system shall display message“กรุณากรอกรหัสผ่าน”, when guest user does not the password text field blank.   1. The system notifies “กรุณากรอกรหัสผ่าน” 2. Goes to normal flow 1   A5: The system shall display message“รหัสผ่านจะต้องไม่เหมือนชื่อ Username”, when guest user when input password same username.   1. The system notifies “รหัสจะต้องไม่เหมือนชื่อ Username” 2. Goes to normal flow 1   A6: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน”, when guest user does not the username in text field.   1. The system notifies “กรุณากรอกรหัสผู้ใช้งาน” 2. Goes to normal flow 1   A7: The system shall display message“กรุณากรอกรหัสผู้ใช้งาน”, when guest user when input blank both username and password   1. The system notifies “กรุณากรอกรหัสผู้ใช้งาน”   Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Admin must have login in administration system, User profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-20 | | | |
| Use Case Name | Staffs view profile. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Staffs | | | |
| Description | Staffs can view their own profile. | | | |
| Trigger | Staffs select menu”ข้อมูลส่วนตัว” | | | |
| Preconditions | Staffs must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful The staffs profile will show in the display. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Staff select menu “ข้อมูลส่วนตัว” | | 2. The system shall retrieve staff information from database  3. The system shall provide the information of staff which includes user, pass, and name | |
| Alternative Flow |  | | | |
| Exception Flow |  | | | |
| Assumption | Staffs must have logged in administration system, Staffs profile must have in the system | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case ID | UC-21 | | | |
| Use Case Name | Staffs change password. | | | |
| Created By | Charnwut Thopurin | | Last Update By | Charnwut Thopurin |
| Date Created | 11/04/18 | | Last Revision Date |  |
| Actors | Staffs | | | |
| Description | Staffs can change the password. | | | |
| Trigger | Staffs select menu”ข้อมูลส่วนตัว” | | | |
| Preconditions | Staffs must login in the system | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
|  |  |  | |  |
| Post conditions | If the use case is successful The staffs password shall new password. If not the system state remains the same. | | | |
| Normal Flows | User | | System | |
|  | 1.Staff select menu “ข้อมูลส่วนตัว”  Then click “แก้ไข” button | | 2. The system retrieve password from database. [A1: The system shall provide the interface to show the message “รหัสผ่านจะต้องไม่เหมือนชื่อ Username” when staff inputs password same user mane  A2: The system shall provide the interface to show the message “กรุณากรอก ข้อมูลให้ครบ” when staff does not input password or input wrong format.]  3. The system shall provide the interface to show the confirm box “กรุณายืนยันการแก้ไข”  4. The system shall save new password into database.  5. The system shall provide new password. | |
| Alternative Flow | A1: The system shall provide the interface to show the message “รหัสผ่านจะต้องไม่เหมือนชื่อ Username” when staff inputs password same user mane   1. The system notifies “รหัสผ่านจะต้องไม่เหมือนชื่อ Username “ 2. Goes to normal flow 1   A2: The system shall provide the interface to show the message “กรุณากรอก ข้อมูลให้ครบ” when staff does not input password or input wrong format   1. The system notifies “กรุณากรอกข้อมุลให้ครบ “ 2. Goes to normal flow 1 | | | |
| Exception Flow |  | | | |
| Assumption | Staffs must have logged in administration system, Staffs profile must have in the system | | | |