SMART PRESCRIPTION APPLICATION

Traceability Record

By

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Document History

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Documents	3					
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Smart prescription application _ Traceability Record	Traceability Record_V2.0	Released	30-07- 2016	NAT,PHI, PROM	NAT,PHI, PROM	NAT,PHI

Acronym

NAT = NatthakanKaeokanpai

PHI = Phithiwat Sitthitun

PROM = PrompongSugunnasil

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Chapter One | Introduction

1.1 Purpose

Traceability is the ability to verify the history, location, or application of an item by means of documented recorded identification. Other common definitions include the capability (and implementation) of keeping track of a given set or type of information to a given degree, or the ability to chronologically interrelate uniquely identifiable entities in a way that is verifiable

1.2 Project Scope

Smart prescription application can create the prescription of the patient in form of QR code that creates by a doctor. Smart prescription application requires a mobile application for scan QR code by the pharmacist. Pharmacist can get the prescription of patient with the detail of drug on a mobile application.

Smart prescription application can also record the history of allergy drug of patient and report to the Food and Drug Administration, Ministry of Public Health organization or (FDA) for observing unusually allergy drug that has been found in Thailand.

Chapter Two | Traceability Record Matrix

User Requirement Specification - System Requirement Specification (URS-SRS)

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User Requirement Specification - Use Case (URS-UC)

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2.3 Use Case Diagram - System Requirement Specification (UCD-SRS)

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2.4 Activity Diagram - System Requirement Specification (AD-SRS)

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2.5 User Requirement Specification - Activity Diagram (URS-AD)

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2.6 User Requirement Specification - Sequence Diagram (URS-SD)

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2.7 Sequence Diagram - System Requirement Specification (SD-SRS)

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2.8 User Requirement Specification - Unit Test Case (URS-UTC)

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2.9 System Test Case - System Requirement Specification (STC-SRS)

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2.10 User Requirement Specification - User Interface (URS-UI)

URS UI	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	UI	02	03	04	03	00	07	08	09	10	11	14	13	14	13	10	1 /	10	17	20	21		23	24
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2.11 Class - Unit Test Case (Class-UTC)

Class UTC	00	00 2	00 3	00 4	00 5	00 6	00 7	00	00 9	01 0	01	01 2	01	01 4	01 5	01 6	01 7	01 8	01 9	02	02	02 2	02	02 4	02 5
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Chapter Tree | Appendix

User Requirement Specification (URS)

- URS-01: Doctors can view a doctor home page on the web application.
- URS-02: Doctors can create a patient's profile on the web application by inputting personal id, name, surname, prescription and username.
- URS-03: Doctors can update a patient's profile on the web application by application by input personal id, name, surname, prescription and username.
- URS-04: Doctors can delete a patient's profile on the web application.
- URS-05: Doctors can search patient's profiles on the web application by using personal id, name, and surname.
- URS-06: Doctors can view a patient's profile on the web application.
- URS-07: Doctors can view list of patient's profiles on the web application.
- URS-08: Administrators can view an admin home page on the web application.
- URS-09: Administrators can create a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- URS-10: Administrators can update a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- URS-11: Administrators can delete a user's profile on the web application.
- URS-12: Administrators can search a user's profile on the web application by using name, surname, and username.
- URS-13: Administrators can view a user's profile on the web application.
- URS-14: Administrators can view list of user's profile on the web application.
- URS-15: Doctors, Administrations, and FDAs can login to the web application by using username and password.
- URS-16: Doctors, Administrations, and FDAs can logout from the web application.
- URS-17: Patients can login to the mobile application by using username and password.
- URS-18: Patients can logout from the mobile application.
- URS-19: Patients can view the QR code on the mobile application.
- URS-20: Pharmacists can scan the QR code on the mobile application.
- URS-21: Pharmacists can add the time of dispensation to the patient's profile on the mobile application.
- URS-01: Doctors can view a doctor home page on the web application.
- URS-22: Doctors can create an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- URS-23: Doctors can update an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- URS-24: Doctors can delete an allergy report on the web application.
- URS-25: Doctors can search an allergy report on the web application by using personal id, name, and surname.
- URS-26: Doctors can view an allergy drug report on the web application.
- URS-27: Doctors can view list of allergy drug reports on the web application.
- URS-28: FDAs can view a FDA home page on the web application.
- URS-29: FDAs can view an allergy report on the web application.
- URS-30: FDAs can view list of allergy reports on the web application.

System Requirement Specification

- SRS-001: The system shall provide menu bars (home, and logout).
- SRS-002: The system shall provide patient options menu box (create patient and manage patient) and allergy options menu box (create allergy report and manage allergy reports).
- SRS-003: The system shall display information of current doctor which includes position, name, surname and username.
- SRS-004: The system shall provide the breadcrumb link.
- SRS-005: The system shall provide patient create form to allow to doctor input information which includes personal ID, name, surname, prescription, and username.
- SRS-006: The system shall display error message "Personal ID cannot be blank." when doctors do not input personal ID.
- SRS-007: The system shall display error message "Personal ID has already been exist." when doctors input personal ID that exist in the database.
- SRS-008: The system shall display error message "Personal ID is invalid" when doctors input wrong personal Id.
- SRS-009: The system shall display error message "Name cannot be blank." when doctors do not input name.
- SRS-010: The system shall display error message "Surname cannot be blank." when doctors do not input surname.
- SRS-011: The system shall display error message "Prescription cannot be blank." when doctors do not input prescription.
- SRS-012: The system shall display error message "Username cannot be blank." when doctors do not input username.
- SRS-013: The system shall display error message "Username has already been taken. Please change." when doctors input username that repeated with the database.
- SRS-014: The system shall display error message "Name is invalid." when doctors input name with not a letter on English language.
- SRS-015: The system shall display error message "Surname is invalid." when doctors input surname with not a letter on English language.
- SRS-016: The system shall provide a 'Create' button for creating patient's profiles.
- SRS-017: The system shall generate the password to a patient's profile, which is 5 digits number.
- SRS-018: The system shall store doctor's id, and date time of creating profile into the database when doctors click 'Create' button.
- SRS-019: The system shall validate personal id, name, surname, prescription, and username by Ajax validation.
- SRS-020: The system shall save data of patient's profiles to database and redirect user to patient's profile UI.
- SRS-021: The system shall provide the manage page, which includes create button, search text field, search button.
- SRS-022: The system shall provide the table lists of patient which include seven columns (no., personal ID, name, surname, responsible, create date and options.)
- SRS-023: The system shall provide 'Update' button () in the options column of table.
- SRS-024: The system shall retrieve patient's profiles from database.
- SRS-025: The system shall provide patient update profiles form that has default information (personal ID, name, surname, prescription, and username).
- SRS-026: The system shall provide a 'Update' button for updating patient's profiles.
- SRS-027: The system shall store doctor's id, and date time of updating profile into the database when doctors click 'Update' button.
- SRS-028: The system shall provide menu bars (home, and login).
- SRS-029: The system shall save a new data of patient's profiles to database and redirect user to patient's profile UI.
- SRS-030: The system shall display the message to show the number and total amount of patient's

- SRS-031: The system shall provide 'Delete' button () in the options column of table.
- SRS-032: The system shall interface to show the confirm box "Are you sure you want to delete this item?" when doctors click 'Delete' button on the web application.
- SRS-033: The system shall be able to delete a patient's profiles from the database when doctors click 'OK' button on the confirm box.
- SRS-034: The system shall be not able to delete a patient's profiles from the database when doctors click 'Cancel' button.
- SRS-035: The system shall display the message "*No results found*", when the data that input does not exist in the database.
- SRS-036: The system shall display the patient's information on the table, when searching found the match letters exist in the database.
- SRS-037: The system shall provide 'View' button () in the options column of table.
- SRS-038: The system shall provide the patient's profiles UI, which includes personal ID, name, surname, prescription, responsible, username, password, create date and update date of patient's profiles.
- SRS-039: The system shall provide the 'Update' button and 'Delete' button.
- SRS-040: The system shall provide user options menu box (create user and manage user).
- SRS-041: The system shall display information of current admin which includes position, name, surname and username.
- SRS-042: The system shall provide user's profiles form to allow to admin input information which include name, surname, username, password, confirm-password and select points of position (Administrator, Doctor, and FDA).
- SRS-043: The system shall display error message "Name cannot be blank." when admins do not input name.
- SRS-044: The system shall display error message "Surname cannot be blank." when admins do not input surname.
- SRS-045: The system shall display error message "Username cannot be blank." when admins do not input username.
- SRS-046: The system shall display error message "Username has already been taken. Please change." when admins input username that repeated with the database.
- SRS-047: The system shall display error message "Password and Confirm-Password do not Match, Please try again." when admins input password and confirm-password do not match.
- SRS-048: The system shall display error message "Name is invalid." when admins input name with not a letter on English language.
- SRS-049: The system shall display error message "Surname is invalid." when admins input surname with not a letter on English language.
- SRS-050: The system shall display error message "Position cannot be blank." when admins do not select the position.
- SRS-051: The system shall provide a 'Create' button for creating user's profile.
- SRS-052: The system shall save data of user's profiles to database and redirect user to user's profile UI.
- SRS-053: The system shall provide the table lists of patient which include seven columns (no., personal ID, name, surname, reporter, create date and options.)
- SRS-054: The system shall provide the table lists of user which include six columns (no., position, name, surname, username and options.)
- SRS-055: The system shall retrieve user's profiles from database.
- SRS-056: The system shall provide user update form that has default information (name, surname, username, password, confirm-password and position).
- SRS-057: The system shall provide a 'Update' button for updating user's profiles.
- SRS-058: The system shall save a new data of user's profiles to database and redirect user to user's profile UI.

- SRS-059: The system shall display the message to show the number and total amount of user's profiles.
- SRS-060: The system shall interface to show the confirm box "Are you sure you want to delete this item?" when admins click 'Delete' button on the web application.
- SRS-061: The system shall be able to delete a user's profiles from the database when admins click 'OK' button on the confirm box.
- SRS-062: The system shall be not able to delete a user's profiles from the database when admins click 'Cancel' button.
- SRS-063: The system shall display the user's information on the table, when searching found the match letters exist in the database.
- SRS-064: The system shall provide the user's profiles page, which includes Id, name, surname, username, password, confirm-password and position.
- SRS-065: The system shall provide the login form, to receive username and password.
- SRS-066: The system displays the alert message "Cannot be blank "if users do not input the username and password on the login form.
- SRS-067: The system shall redirect user to the main page if user login successful
- SRS-068: The system shall validate username and password from database.
- SRS-069: The system shall provide 'Login' button for login to the web application.
- SRS-070: The system shall displays error message "Username cannot be blank." when user do not input username.
- SRS-071: The system shall displays error message "Password cannot be blank." when user do not input password.
- SRS-072: The system shall displays error box message "Username is incorrect!" when username does not exist in the database.
- SRS-073: The system shall displays error box message "Password is incorrect!" when password does not exist in the database.
- SRS-074: The system shall redirect user to particular home page if users login success.
- SRS-075: The system shall redirect users to main page if users click logout button.
- SRS-076: The system shall provide the login form, to receive username and password.
- SRS-077: The system shall validate username and password from database.
- SRS-078: The system shall provide 'login' button for login to the mobile application.
- SRS-079: The system shall display message "Incorrect username or password" if username or password.
- SRS-080: The system shall provide "logout" button on the main page.
- SRS-081: The system shall redirect users to the login page if users click 'logout' button.
- SRS-082: The system shall provide the QR code page, which includes exit button and "Show QR code" button.
- SRS-083: The system shall generate the QR code after select "Show QR code" button.
- SRS-084: The system shall display the QR code to patient.
- SRS-085: The system shall provide the scan QR button for open the scan QR function.
- SRS-086: The system shall scan QR code on the mobile application.
- SRS-087: The system shall provide the information of patient after scan QR code completed.
- SRS-088: The system shall provide 'confirm' button for specify prescription.
- SRS-089: The system shall display message "Successful" after select "confirm" button.
- SRS-090: The system shall record the current time to the patient's profile.
- SRS-091: The system shall provide allergy report create form to doctor to input information which includes personal ID, name, surname, and allergy drug.
- SRS-092: The system shall display error message "Allergy Drug cannot be blank." when doctors do not input allergy drug.
- SRS-093: The system shall provide a 'Create' button for creating allergy report.
- SRS-094: The system shall store doctor's id, and date time of creating report into the database when doctors click 'Create' button.
- SRS-095: The system shall display error message "Confirm-Password cannot be blank." when admins does not input confirm-password.
- SRS-096: The system shall save allergy report to database and redirect user to allergy report UI.

- SRS-097: The system shall retrieve allergy report from database.
- SRS-098: The system shall provide allergy report update form that has default information (personal ID, name, surname, and allergy drug).
- SRS-099: The system shall provide a 'Update' button for updating allergy report.
- SRS-100: The system shall store doctor's id date time of updating profile into the database when doctors click 'Update' button.
- SRS-101: The system shall display error message "Password cannot be blank." when admins does not input password.
- SRS-102: The system shall save a new data of allergy report to database and redirect user to allergy report page.
- SRS-103: The system shall display the message to show the number and total amount of allergy reports.
- SRS-104: The system shall interface to show the confirm box "Are you sure you want to delete this item?" when doctors click 'Delete' button on the web application.
- SRS-105: The system shall be able to delete an allergy report from the database when doctors click 'OK' button on the confirm box.
- SRS-106: The system shall be not able to delete an allergy report from the database when doctors click 'Cancel' button.
- SRS-107: The system shall display the user's information on the table, when searching found the match letters exist in the database.
- SRS-108: The system shall validate personal ID, name, surname, and allergy drug by Ajax validation.
- SRS-109: The system shall provide allergy options menu box (view reports list).
- SRS-110: The system shall display information of current FDA which includes position, name, surname and username.
- SRS-111: The system shall validate name, surname, username, password, confirm-password and position by Ajax validation.
- SRS-112: The system shall provide the list of allergy report page,
- SRS-113: The system shall validate input data by Ajax validation.

Use case

- UC-01: Doctors can view a doctor home page on the web application.
- UC-02: Doctors can create a patient's profile on the web application by inputting personal id, name, surname, prescription and username.
- UC-03: Doctors can update a patient's profile on the web application by application by input personal id, name, surname, prescription or username.
- UC-04: Doctors can delete a patient's profile on the web application.
- UC-05: Doctors can search patient's profiles on the web application by using personal id, name, and surname.
- UC-06: Doctors can view a patient's profile on the web application.
- UC-07: Doctors can view list of patient's profiles on the web application.
- UC-08: Administrators can view an admin home page on the web application.
- UC-09: Administrators can create a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- UC-10: Administrators can update a user's profile on the web application by inputting name, surname, username, password, confirm-password or position.
- UC-11: Administrators can delete a user's profile on the web application.
- UC-12: Administrators can search a user's profile on the web application by using name, surname, and username.
- UC-13: Administrators can view a user's profile on the web application.
- UC-14: Administrators can view list of user's profile on the web application.
- UC-15: Doctors, Administrations, and FDAs can login to the web application by using username and password.
- UC-16: Doctors, Administrations, and FDAs can logout from the web application.
- UC-17: Patients can login to the mobile application by using username and password.
- UC-18: Patients can logout from the mobile application.
- UC-19: Patients can view the QR code on the mobile application.
- UC-20: Pharmacists can scan the QR code on the mobile application.
- UC-21: Pharmacists can add the time of dispensation to the patient's profile on the mobile application.
- UC-01: Doctors can view a doctor home page on the web application.
- UC-22: Doctors can create an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- UC-23: Doctors can update an allergy report on the web application by inputting personal id, name, surname, or allergy drug.
- UC-24: Doctors can delete an allergy report on the web application.
- UC-25: Doctors can search an allergy report on the web application by using personal id, name, and surname.
- UC-26: Doctors can view an allergy drug report on the web application.
- UC-27: Doctors can view list of allergy drug reports on the web application.
- UC-28: FDAs can view a FDA home page on the web application.
- UC-29: FDAs can view an allergy report on the web application.
- UC-30: FDAs can view list of allergy reports on the web application.

Use Case Diagram

UCD-01: Prescription System.

UCD-02: Account Management System.

UCD-03: Authentication System. UCD-04: Verification System. UCD-05: Allergy Report System.

UCD-06: Summary Allergy Report System.

Class

Class-01: LoginForm Class-02: SiteController

Class-03: User

Class-04: UserController

Class-05: Role

Class-06: AdminController Class-07: DoctorController Class-08: FdaController

Class-09: Patient

Class-10: PatientController

Class-11: Allergy

Class-12: AllergyController Class-13: MainActivity Class-14: QrEncodeActivity Class-15: LoginActivity Class-16: QRCodeEncoder Class-17: ApiService Class-18: LoginListener

Class-19: LoginEventManager Class-20: PreferencesManager Class-21: PrescriptionManager Class-22: UpdateTimeListener Class-23: LoginFragment Class-24: MainFragment

Class-25: Config (web service) Class-26: login (web service)

Class-27: update_prescription (web service)

User Interface

UI-01: Main page

UI-02: Administration home page

UI-03: Create user page
UI-04: Update user page
UI-05: Manage users page
UI-06: User's profile page
UI-07: Doctor home page
UI-08: Create patient page
UI-09: Update patient page
UI-10: Manage patients page
UI-11: Patient's profile page

UI-12: Create allergy report page UI-13: Update allergy report page

UI-14: Manage allergy reports page

UI-15: Allergy report page UI-16: FDA home page

UI-17: List allergy reports page

UI-18: FDA Allergy report page

UI-19: Login page

UI-20: Login page (mobile)
UI-21: Main page (mobile)
UI-22: QR code page (mobile)
UI-23: Scan QR code page (mobile)
UI-24: Pharmacist page (mobile)

Activity Diagram (AD)

- AD-01: Doctors can view a doctor home page on the web application.
- AD-02: Doctors can create a patient's profile on the web application by inputting personal id, name, surname, prescription and username.
- AD-03: Doctors can update a patient's profile on the web application by application by input personal id, name, surname, prescription and username.
- AD-04: Doctors can delete a patient's profile on the web application.
- AD-05: Doctors can search patient's profiles on the web application by using personal id, name, and surname.
- AD-06: Doctors can view a patient's profile on the web application.
- AD-07: Doctors can view list of patient's profiles on the web application.
- AD-08: Administrators can view an admin home page on the web application.
- AD-09: Administrators can create a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- AD-10: Administrators can update a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- AD-11: Administrators can delete a user's profile on the web application.
- AD-12: Administrators can search a user's profile on the web application by using name, surname, and username.
- AD-13: Administrators can view a user's profile on the web application.
- AD-14: Administrators can view list of user's profile on the web application.
- AD-15: Doctors, Administrations, and FDAs can login to the web application by using username and password.
- AD-16: Doctors, Administrations, and FDAs can logout from the web application.
- AD-17: Patients can login to the mobile application by using username and password.
- AD-18: Patients can logout from the mobile application.
- AD-19: Patients can view the QR code on the mobile application.
- AD-20: Pharmacists can scan the QR code on the mobile application.
- AD-21: Pharmacists can add the time of dispensation to the patient's profile on the mobile application.
- AD-22: Doctors can create an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- AD-23: Doctors can update an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- AD-24: Doctors can delete an allergy report on the web application.
- AD-25: Doctors can search an allergy report on the web application by using personal id, name, and surname.
- AD-26: Doctors can view an allergy drug report on the web application.
- AD-27: Doctors can view list of allergy drug reports on the web application.
- AD-28: FDAs can view a FDA home page on the web application.
- AD-29: FDAs can view an allergy report on the web application.
- AD-30: FDAs can view list of allergy reports on the web application.

Sequence Diagram

- SD-01: Doctors can view a doctor home page on the web application.
- SD-02: Doctors can create a patient's profile on the web application by inputting personal id, name, surname, prescription and username.
- SD-03: Doctors can update a patient's profile on the web application by application by input personal id, name, surname, prescription and username.
- SD-04: Doctors can delete a patient's profile on the web application.
- SD-05: Doctors can search patient's profiles on the web application by using personal id, name, and surname.
- SD-06: Doctors can view a patient's profile on the web application.
- SD-07: Doctors can view list of patient's profiles on the web application.
- SD-08: Administrators can view an admin home page on the web application.
- SD-09: Administrators can create a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- SD-10: Administrators can update a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- SD-11: Administrators can delete a user's profile on the web application.
- SD-12: Administrators can search a user's profile on the web application by using name, surname, and username.
- SD-13: Administrators can view a user's profile on the web application.
- SD-14: Administrators can view list of user's profile on the web application.
- SD-15: Doctors, Administrations, and FDAs can login to the web application by using username and password.
- SD-16: Doctors, Administrations, and FDAs can logout from the web application.
- SD-17: Patients can login to the mobile application by using username and password.
- SD-18: Patients can logout from the mobile application.
- SD-19: Patients can view the QR code on the mobile application.
- SD-20: Pharmacists can scan the QR code on the mobile application.
- SD-21: Pharmacists can add the time of dispensation to the patient's profile on the mobile application.
- SD-22: Doctors can create an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- SD-23: Doctors can update an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- SD-24: Doctors can delete an allergy report on the web application.
- SD-25: Doctors can search an allergy report on the web application by using personal id, name, and surname.
- SD-26: Doctors can view an allergy drug report on the web application.
- SD-27: Doctors can view list of allergy drug reports on the web application.
- SD-28: FDAs can view a FDA home page on the web application.
- SD-29: FDAs can view an allergy report on the web application.
- SD-30: FDAs can view list of allergy reports on the web application.

Unit Test Case

UTC-01: login(String username, String password): Boolean

UTC-02: logout(): Boolean

UTC-03: getUserList(): ArrayList

UTC-04: viewUser(Int userId): Mixed

UTC-05: createUser(User user): Boolean

UTC-06: update $User(User\ user)$: Boolean

UTC-07: deleteUser(Int userId): Boolean

UTC-08: searchUser(String users) : ArrayList

UTC-09: getPatientList(): ArrayList

UTC-10: viewPatient(Int personal_id) : Mixed

UTC-11: createPatient(Patient patient) : Boolean

UTC-12: updatePatient(Patient patient) : Boolean

UTC-13: deletePatient(Int personal_id) : Boolean

UTC-14: searchPatient(String patients) : ArrayList

UTC-15: getAllergyList() : ArrayList

UTC-16: viewAllergy(Int allergy_id): Mixed

UTC-17: getAllergyList2(): ArrayList

UTC-18: viewAllergy2(Int allergy_id): Mixed

UTC-19: createAllergy(Allergy allergy): Boolean

UTC-20: updateAllergy(Allergy allergy): Boolean

UTC-21: deleteAllergy(Int allergy_id): Boolean

UTC-22: searchAllergy(String allergies): ArrayList

UTC-23: Login(): void

UTC-24: getUserInformation(): UserInformationModel

UTC-25: encode(String contents, BarcodeFormat format, int width, int height): BitMatrix

System Test Case

- STC-01: Doctors can view a doctor home page on the web application.
- STC-02: Doctors can create a patient's profile on the web application by inputting personal id, name, surname, prescription and username.
- STC-03: Doctors can update a patient's profile on the web application by application by input personal id, name, surname, prescription and username.
- STC-04: Doctors can delete a patient's profile on the web application.
- STC-05: Doctors can search patient's profiles on the web application by using personal id, name, and surname.
- STC-06: Doctors can view a patient's profile on the web application.
- STC-07: Doctors can view list of patient's profiles on the web application.
- STC-08: Administrators can view an admin home page on the web application.
- STC-09: Administrators can create a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- STC-10: Administrators can update a user's profile on the web application by inputting name, surname, username, password, confirm-password and position.
- STC-11: Administrators can delete a user's profile on the web application.
- STC-12: Administrators can search a user's profile on the web application by using name, surname, and username.
- STC-13: Administrators can view a user's profile on the web application.
- STC-14: Administrators can view list of user's profile on the web application.
- STC-15: Doctors, Administrations, and FDAs can login to the web application by using username and password.
- STC-16: Doctors, Administrations, and FDAs can logout from the web application.
- STC-17: Patients can login to the mobile application by using username and password.
- STC-18: Patients can logout from the mobile application.
- STC-19: Patients can view the QR code on the mobile application.
- STC-20: Pharmacists can scan the QR code on the mobile application.
- STC-21: Pharmacists can add the time of dispensation to the patient's profile on the mobile application.
- STC-01: Doctors can view a doctor home page on the web application.
- STC-22: Doctors can create an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- STC-23: Doctors can update an allergy report on the web application by inputting personal id, name, surname, and allergy drug.
- STC-24: Doctors can delete an allergy report on the web application.
- STC-25: Doctors can search an allergy report on the web application by using personal id, name, and surname.
- STC-26: Doctors can view an allergy drug report on the web application.
- STC-27: Doctors can view list of allergy drug reports on the web application.
- STC-28: FDAs can view a FDA home page on the web application.
- STC-29: FDAs can view an allergy report on the web application.
- STC-30: FDAs can view list of allergy reports on the web application.