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| **Use Case ID:** | UC-14 | | |
| **Use Case Name:** | Login | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Officer and dentist can login for identifying him/herself to manage the services in web application | | |
| **Trigger:** | Click ‘Officer/Dentist Login’ button | | |
| **Preconditions:** | Officer need to enter the website first | | |
| **Postconditions:** | Login successful. | | |
| **Normal Flow:** | 1. Officer/Dentist input username and password  2. Press ‘login’ button  3. System check the username and password which match in the database  4. System checks the priority of user by role which are officer or dentist  5. System displays the alert box for success or error message  6. System automatically open the home page of website | | |
| **Alternative Flows:** | 3a. username or password or both are not match in the database  1. System validate the username/password combination fails due to incorrect entry.  4. System show the error message that username or password are not correct  5. Go back to login page. | | |
| **Exceptions:** | System initiated: System unavailable the information will not deliver. If there are no internet connection user cannot login to the website or the application. System validation finds that the user record does not exist in the database. | | |
| **Includes:** | Steps 1-6 in the normal flow would be required for all types of request for login. | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-15 | | |
| **Use Case Name:** | Display the dentists’ schedule | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Display the dentists’ schedule. Officer and dentist can manage their schedule after this usecase | | |
| **Trigger:** | Click ‘View schedule’ button | | |
| **Preconditions:** | Officer and dentist need to login the website first | | |
| **Postconditions:** | N/A | | |
| **Normal Flow:** | 1. Dentists’ schedule displayed | | |
| **Alternative Flows:** | N/A | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-16 | | |
| **Use Case Name:** | Display patients’ queue | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Display patients’ queue in the patient schedule | | |
| **Trigger:** | Click ‘View schedule’ button | | |
| **Preconditions:** | Officer and dentist need to login the website first | | |
| **Postconditions:** | N/A | | |
| **Normal Flow:** | 1. Provide the patients’ queue in details of an appointment | | |
| **Alternative Flows:** | N/A | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-17 | | |
| **Use Case Name:** | Display patients’ appointment | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Display patients’ queue in the patient schedule | | |
| **Trigger:** | Click ‘View schedule’ button | | |
| **Preconditions:** | Officer and dentist need to login the website first | | |
| **Postconditions:** | N/A | | |
| **Normal Flow:** | 1. Provide the patients’ queue in details of an appointment | | |
| **Alternative Flows:** | N/A | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-18 | | |
| **Use Case Name:** | Manage patients’ queue | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Manage the patients’ queue which is add, change, and delete the queue | | |
| **Trigger:** | Click ‘Manage Queue’ button | | |
| **Preconditions:** | Officer and dentist need to login the website first | | |
| **Postconditions:** | Patients’ queue update after press confirm button | | |
| **Normal Flow:** | 1. System collect all the patients in each day to generate the queue for that day 2. The queue of each day show in the schedule 3. Manage the queue 4. Press confirm button | | |
| **Alternative Flows:** | 3a. Add new queue   1. Press ‘add new queue’ to add the new queue 2. Input name and patient ID   3b. Delete queue   1. Press at any queue 2. Delete button will appear 3. Press delete | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-19 | | |
| **Use Case Name:** | Change patients’ appointment date | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Change patients’ appointment date in case of that appointment day clinic has an necessary close or dentist is on emergency case | | |
| **Trigger:** | Click ‘manage appointment’ button | | |
| **Preconditions:** | Officer and dentist need to login the website first | | |
| **Postconditions:** | Patients’ queue update after press confirm button | | |
| **Normal Flow:** | 1. Dentist schedule show up 2. Select the appointment that need to change 3. Edit menu will show up which are edit and delete 4. Press edit 5. Change the appointment date 6. Press ‘confirm’ button | | |
| **Alternative Flows:** | 6a. Press ‘cancel’ button   1. The change of appointment date will not save to the database | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-20 | | |
| **Use Case Name:** | Approve the new appointment that patient request | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer, Dentist | | |
| **Description:** | Approve the new appointment request of patient when patient wants to change the appointment date or wants to make a new appointment. | | |
| **Trigger:** | Click ‘New request’ button | | |
| **Preconditions:** | Officer and dentist need to login the website first | | |
| **Postconditions:** | New patient added to the database | | |
| **Normal Flow:** | 1. Dentist schedule show up 2. Select at the empty time slot in the schedule 3. Add button will show up 4. Press add 5. Input patients’ id and details 6. Press ‘confirm’ button | | |
| **Alternative Flows:** | 6a. Press ‘cancel’ button   1. The new appointment will not save to the database | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-21 | | |
| **Use Case Name:** | Create account for patient | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer | | |
| **Description:** | Create account for dentist to login to use the services | | |
| **Trigger:** | Click ‘New dentist’ button | | |
| **Preconditions:** | Officer need to login the website first | | |
| **Postconditions:** | New appointment added to the schedule | | |
| **Normal Flow:** | 1. Registration form appear 2. Input all require data 3. Press ‘Register’ button 4. System will check the patients’ name, surname and email that are already exist or not 5. Confirm message or error message will show up | | |
| **Alternative Flows:** | 4a. The account already exist  5a. Alert message will show up that account already exist | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |

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| **Use Case ID:** | UC-22 | | |
| **Use Case Name:** | Create account for dentist | | |
| **Created By:** | Kaokwan Maneerat | **Last Updated By:** | Kanokwan Maneerat |
| **Date Created:** | 17/04/2014 | **Last Revision Date:** | 26/04/2014 |
| **Actors:** | Officer | | |
| **Description:** | Create account for dentist to login to use the services | | |
| **Trigger:** | Click ‘New dentist’ button | | |
| **Preconditions:** | Officer need to login the website first | | |
| **Postconditions:** | New dentist added to the database | | |
| **Normal Flow:** | 1. Registration form appear 2. Input all require data 3. Press ‘Register’ button 4. System will check the dentist’ name, surname and email that are already exist or not 5. Confirm message or error message will show up | | |
| **Alternative Flows:** | 4a. The account already exist  5a. Alert message will show up that account already exist | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | On demand | | |
| **Special Requirements:** | N/A | | |