# History of Edit

| # | Description | Date Modified | Author |
| --- | --- | --- | --- |
|  | First Draft – Hospital User Inbox Module Usecase | 01/28/2021 | Sweta Kumari |
|  | First Draft – Patient Inbox Module Usecase | 02/01/2021 | Sweta Kumari |
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# Background – Inbox Module

In CT General Hospital all the tasks for a Physician or Nurse should appear in inbox. Inbox is dashboard page or landing page for them. User should be able to traverse through this page to various modules like Scheduler, Visits, Notes etc.

Inbox module enables Physician or Nurse working at CT General Hospital to visualize Weekly upcoming appointments through Inbox module. It also allows Nurse to send notes. It allows Physicians to send notes to other Physicians, receive notes from Nurse or other Physicians, reply on received notes, and close the message.

When a Physician or Nurse logs-in they see the inbox module, the module should show below sections

* Upcoming appointment – Show only for a week’s appointment/ Color code based on today’s appointment vs rest of the appointment
  + Meeting title
  + Description
  + Physician
  + Date
  + Time
  + Edit History
* Any notes from nurse or other physicians – The Physician can reply or close the message

Inbox module allows Patient to visualize its upcoming or declined appointments

* Patient’s Inbox – Show upcoming appointment, show if some appointment is declined by Physician

# Out of Scope

1. Inbox module does not cover detailed appointment details.
2. Details of Hospital Division for appointment is out of scope

# Assumptions

1. User of this screen has completed login via valid and verified credentials.
2. User Registration of the patient and patient record capture is completed.
3. Patient Database is accessible to the User
4. Hospital User for this functional usecase includes Physician and Nurses only.
5. In view appointments functionality, one-week period consists of six working days.

# Inbox - Acceptance Criteria

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| # | Acceptance Criteria | Usecase Reference | Outstanding Items |
|  | When a Physician or Nurse logs-in they shall be directed to the inbox module | 1.6.1 |  |
|  | When a Patient logs-in him/her shall be directed to the inbox module | 1.6.2 |  |
|  | Meeting title, Appointment Description, Physician details, Date, Time, and Edit History is displayed in Upcoming appointment for a week period’s appointments | 1.6.1 |  |
|  | Today’s appointment is highlighted with different color code than other week’s appointments | 1.6.1 |  |
|  | Nurse is able to view sent notes. | 1.6.1 |  |
|  | Physician is able to view sent notes. | 1.6.1 |  |
|  | Physician is able to view received notes. | 1.6.1 |  |
|  | Physician is able to reply to received notes. | 1.6.1 |  |
|  | Physician is able to deleted received notes. | 1.6.1 |  |
|  | Physician is able to view sent notes. | 1.6.1 |  |
|  | Physician or Nurse are able to send notes on click of send button. | 1.6.1 |  |
|  | Date and Designation are auto-populated in send notes subsection, when desired criteria are met | 1.6.1 |  |
|  | Physician Name is selected through drop down menu. It is a mandatory field | 1.6.1 |  |
|  | Urgency flag has default value – Not urgent | 1.6.1 |  |
|  | Urgency level of Note’s Message is selected through radio button. | 1.6.1 |  |
|  | Meeting title, Appointment Description, Physician details, Date, Time, and Reschedule History is displayed in Upcoming appointment for a week period’s appointments | 1.6.2 |  |
|  | Today’s appointment is highlighted with different color code than other week’s appointments | 1.6.2 |  |

# Functional Use Case

# Hospital User Inbox Module for CT General Hospital

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| **Sr. No.** | **Description:** | Hospital Staff (Physician and staff) shall be able to view the inbox module, which covers Upcoming appointment details and notes.  User should be able to traverse through this page to various modules like Scheduler, Visits, Notes |
| **A** | **Trigger:** | Hospital User has successful login into Patient Management System application |
| **B** | **Pre-Conditions/Inputs:** | 1. Hospital user has booked/modified an appointment through scheduling module for an individual patient |
| **C** | **Post-Conditions/Outputs:** | 1. All the tasks for a Physician or Nurse should appear in inbox. Inbox is dashboard page or landing page for them. 2. When a Physician or Nurse logs-in they shall be directed to the inbox module, and the dashboard has following options    1. Upcoming appointment – Displays appointment for a week’s appointment. The appointments are Color coded based on today’s appointment vs rest of the appointment       1. Meeting title       2. Description       3. Physician       4. Date       5. Time       6. Edit History (Default Value - Not Applicable)    2. Any notes from nurse or other physicians – The Physician can reply or close the message       1. It also allows Nurse to send notes.       2. It allows Physicians to send notes to other Physicians, receive notes from Nurse or other Physicians, reply on received notes, and close the message. 3. The user shall be able to traverse through this page to various modules like Scheduler, Visits, Notes |
| **D** | **Flow:** | 1. On clicking login button, the User shall be directed to a dashboard that contains Inbox details. The dashboard also contains Buttons to navigate to Scheduler, Patients Visit History, and Notes. 2. The Inbox segment has two major subsections    * Upcoming Appointments    * Notes 3. User shall be able to view Upcoming appointment. Based on current date, Upcoming appointment section displays appointment for a week’s period.    * Appointments are Color coded based on today’s appointment vs rest of the appointment    * Each appointment, contains following details.      1. Meeting title      2. Description      3. Physician      4. Date      5. Time      6. Patient Details (link to patient details screen)      7. Edit History (Default Value - Not Applicable) 4. Notes section has three subsections    * Send Notes    * Received Notes – For Physicians    * Sent Notes – For Physicians and Nurses 5. Hospital User shall be able to send notes to Physicians through ‘Send Notes’ subsection. User is able to compose Notes with below mentioned components    * Date & Time – Autofill based on time when Send button is clicked. This field is not displayed in Compose Notes tile.    * Receiver’s Name – User shall be able to search from a dropdown list of Physicians    * Receiver’s Designation -Auto-populated based on the receiver’s name    * Message – User shall be able to compose message in Text Area, within Word Limit of 200.    * Urgency level – User shall be able to select urgency through radio button – ‘Urgent’ or ‘Not Urgent’    * Send Button – User shall be able to send the message, when send button is clicked 6. User shall be able to view Received notes. Received Notes displays the messages from other Physicians or Nurses, sorted on the basis of time and date (Most Recent to older). Notes are displayed in tabular format. Key contents in the Notes Column are mentioned below    * Date & Time – When Sent    * Sender’s Name    * Sender’s Designation    * Message Received    * Urgency level - Flag for the note entry    * Reply - Link to reply the note entry    * Delete – Option to delete the note entry 7. User shall be able to view Sent notes. Sent Notes displays the messages from Physicians or Nurses to Physician, sorted on the basis of time and date (Most Recent to older). Notes are displayed in tabular format. Key contents in the Notes Column are mentioned below    * Date & Time – When Sent    * Receiver’s Name    * Receiver’s Designation    * Message Sent – Limit 200 words    * Response      + Initial status set to Awaiting response      + Contains reply given by the receiver of the notes (if any) 8. On the landing Inbox dashboard user shall be able to perform following actions    * 1. User shall be able to view Upcoming appointment      2. User shall be able to view received and sent notes      3. Go to Schedular page      4. Go to Patient Visit History      5. Go back to home page 9. In an event of missing values, descriptive error message shall be displayed to the user 10. On the landing page, there will be a navigation links pane to the left, showing the following links in the below sequence:     * + - 1. Go back to Inbox           2. Go to Patient Details Screen           3. Go to Employee Details           4. Go to Patient Registration           5. Go to User Management (This Functionality shall be covered in different module)           6. Visit Patient History (Functionality shall be covered in different module)           7. Scheduling (Functionality shall be covered in different module)           8. Go to Homepage   User shall be able to visit the tabs in the navigation pane by clicking on any of them from the current screen. The selected tab on the navigation pane shall be highlighted in ‘green’ and the unselected tabs shall be displayed in ‘grey’ |
| **E** | **Exceptions/Error Conditions:** | In an event of no appointment for an individual physician, descriptive error message shall be displayed to the user,  *“There are no appointments this week”*  In an event of missing values in send notes subsection, descriptive error message shall be displayed to the user,  *“The message contains one or more missing values”* |
| **F** | **Assumptions:** |  |

# Patient Inbox Usecase

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| **Sr. No.** | **Description:** | This use case - Patient Inbox module allows Patient to visualize its upcoming or declined appointments.  Patient’s Inbox – Show upcoming appointment, show if some appointment is declined by Physician |
| **A** | **Trigger:** | Patient has successful login into Patient Management System application |
| **B** | **Pre-Conditions/Inputs:** | 1. Hospital user has booked/modified an appointment through scheduling module for an individual patient |
| **C** | **Post-Conditions/Outputs:** | 1. All the appointments for the patient should appear in inbox. Inbox is dashboard page or landing page for patient. 2. When a Patient logs-in they shall be directed to the inbox module, and the dashboard has following options    1. Upcoming appointment – Displays appointment for a week’s appointment for the patient. The appointments are Color coded based on today’s appointment vs rest of the appointment       1. Meeting title       2. Description       3. Physician       4. Date       5. Time       6. Appointment Reschedule History (Default Value - Not Applicable)    2. Appointment Declined - Notification |
| **D** | **Flow:** | 1. On clicking login button, the User (Patient) shall be directed to a dashboard that contains Inbox details. The dashboard also contains Buttons to navigate to Patient’s Visit History. 2. The Inbox segment has two major subsections    * Upcoming Appointments    * Appointment Declined - Notification 3. User shall be able to view Upcoming appointment. Based on current date, Upcoming appointment section displays appointment for a week’s period.    * Appointments are Color coded based on today’s appointment vs rest of the appointment    * Each appointment, contains following details.      1. Meeting title      2. Description      3. Physician      4. Date      5. Time      6. Reschedule History (Default Value - Not Applicable) 4. Patient shall be able to view notification message for appointment reschedule by Nurse/physician or declination by Physician 5. On the landing Inbox dashboard user shall be able to perform following actions    * 1. User shall be able to view Upcoming appointment      2. User shall be able to view appointment notifications      3. User shall be able to visit “Book a data collection appointment page”.      4. Go to Patient Visit History      5. Go back to home page 6. In an event of missing values, descriptive error message shall be displayed to the user 7. On the landing page, there will be a navigation links pane to the left, showing the following links in the below sequence:    * + - 1. Go back to Inbox          2. Go to Homepage   User shall be able to visit the tabs in the navigation pane by clicking on any of them from the current screen. The selected tab on the navigation pane shall be highlighted in ‘green’ and the unselected tabs shall be displayed in ‘grey’ |
| **E** | **Exceptions/Error Conditions:** | In an event of no appointment for an individual patient, descriptive error message shall be displayed to the user,  *“There are no appointments this week”* |
| **F** | **Assumptions:** |  |