**Internal Meeting for**

**01/12/16 (Thurs) – 02/12/16 (Fri)**

**Time:** 1330 – 1600

**Venue:** SOE GSR4-6

**Things that were discussed:**

1. **Instruction for Visitor Registration:** 
   1. Only Singaporean can register / Only PR can register
   2. If visiting patient
      1. Need to know the bed number
      2. Need to know the patient name
2. **TTHK Visitor Registration** 
   1. Assisted
      1. Accommodate field for non-Singaporean
3. **Corner Case**
   1. How to handle multiple patients visits?
      1. Yes, it will be handled.
   2. Will visitor be able to modify the details?
      1. Yes, only after they have registered.
   3. Check in by mobile number as a backup?
      1. No, we discussed and there is not a need.
   4. If there is an error in NRIC (assuming that is it valid but it is registered to the wrong person). The nurse will assist in the change or fix.
4. **UI changes for Visitor Registration Form**
   1. Merge First Name and Last Name
   2. Need to add \* for compulsory fields
5. **Facilities Management** 
   1. For updating: Query NRIC & latest (based on date created file)
   2. Visit Time configuration
      1. Estimated capacity of the ward
      2. Set auto Check Out if they have not Check Out properly
   3. Set up of checkpoint
6. **Terminal** 
   1. Include invisible button for closing. Press and hold to activate it. There will be a password field to execute the shutdown.
7. **User management (Do it later)**
8. **Facilitate Management (Terminal only)**

**Note:** Need to attach UI (picture) discussed.

**Time:** 1930 – 2300

**Venue:** SOE GSR4-6

**Things that were discussed:**

1. Agreement on DB Tables
2. Decision of Stored Procedure needed
3. Agreement on Input/Output of Stored Procedures

Will the questionnaire be used for contact tracing? Need to confirm with Eddy. Assume that questionnaire will not be used for contact tracing.

Self registration will store the into a temporary database. Assisted registration will store into the actual database.

Database Design

**Procedures**

* ~~Check\_Existing\_Visitors (Self-Registration)~~
  + ~~Input: NRIC~~
  + ~~Output: 1 (Yes), 0 (No)~~
* ~~Register\_Visit~~
  + ~~Input: NRIC, Personal\_Particulars (Optional), Visit\_Details, Screening\_Qns~~
  + ~~Output: 1 (Yes), 0 (No)~~

|  |  |
| --- | --- |
| Procedure | Remarks |
| * Visitor\_Exists   + Input: NRIC   + Output: 1 (Yes), 0 (No) | Self-Registration NRIC Check |
| * Create\_Visitor\_Profile   + Input: NRIC, Personal\_Particulars   + Output: 1 (Yes), 0 (No) | Self-Registration Submit |
| * Update\_Visitor\_Profile   + Input: NRIC, Personal\_Particulars   + Output: 1 (Yes), 0 (No) | Search for NRIC & update row |
| * Get\_Visitor   + Input: NRIC   + Output: Personal\_Particulars, 0 (No result) | If visitor exists, get Personal\_Particulars |
| * Create\_Visit   + Input: NRIC, Visit\_Details, Questionnaire   + Output: 1 (Yes), 0 (No) | Creation of Visit\_Details records for NEW visitors  Creation of visit for EXISITING visitor |
| * Get\_Visit\_Details   + Input: NRIC   + Output: Visit Details | Visit details up to the current day as visitor can register for the future. |
| * Confirm\_Check\_In   + Input: NRIC, Staff\_ID, Temperature   + Output: 1 (Yes), 0 (No) | Assisted registration, when visitor pre registered as a NEW visitor  When visitor did not pre registered |
| * Create\_Movement   + Input: NRIC, Actual\_Time\_Check\_In * Output: 1 (Yes), 0 (No) |  |
| * Trace\_By\_Patient\_ID   + Input: Patient\_ID   + Output: List of NRIC |  |
| * Trace\_By\_Patient\_ID   + Input: Patient\_ID, Starttime, Endtime   + Output: List of NRIC |  |
| * Login   + Input: Staff\_Email (without @), Password   + Output: Staffname, ID, 0 |  |
| * Verify\_Staff   + Input: Staff\_Email(without @)   + Output: 1, 0 |  |
| * Get\_Terminals   + Output: table(terminal\_id,name) |  |
| * Add\_Terminal   + Input: Name   + Output: 1 (Yes), 0 (No) |  |
| * Delete\_Terminal   + Input: Name   + Output: 1 (Yes), 0 (No) |  |
| * Activate\_Terminal   + Input: Name   + Output: 1 (Yes), 0 (No) |  |
| * Deactivate\_Terminal   + Input: Name   + Output: 1 (Yes), 0 (No) |  |
| * Add\_Question   + Input: Question, Anstype   + Output: 1 (Yes), 0 (No) |  |
| * Delete\_Question   + Input: Question\_ID   + Output: 1 (Deleted), 0 (if question have an answer linked to it) | If the question have matching id in the questionnaire question list table in column q\_order |
| * Add\_QuestionList   + Input: Question\_List\_ID, Qn\_IDs * Output: 1, 0 (Question list name exist) |  |
| * Activate\_Questionnaire   + Input: Question\_List\_ID   + Output:1,0 |  |
| * Delete\_QuestionList   + Input: Question\_List\_ID, AnswerValue (JSON)   + Output: 1 (Yes), 0 (If question does not exist) | If the q\_question\_list\_id does not match any q\_question\_list\_id in the questionnaire answer table |
| * Retrieve\_Active\_Questionnaire   + Input: NO INPUT   + Output: Questions |  |
| * Insert\_Questionnaire\_Response   + Input: Qa\_ID, Qn\_List\_ID, Qa\_JSON   + Output: 1, 0 |  |
| * Update\_Questionnaire\_Response   + Input: Qa\_ID, Qn\_List\_ID, Qa\_JSON * Output: 1, 0 | Search for Qa\_ID & update row |
| * Get\_Questionnaire\_Response   + Input: Qa\_ID (From Get\_Visit\_Details)   + Output: Qa\_ID, Qn\_List\_ID, Qa\_JSON |  |
| * Create\_Staff   + Input: Email, NRIC … Perm … Get values from previous table   + Output: 1 (Yes), 0 (No) |  |
| * Delete\_QuestionList   + Input: Question\_List\_ID   + Output: 1, 0 (Question have answer) |  |
| * Purge\_Visitors   + Input: Question\_List\_ID, date(Day month year)   + Output: 1, 0 (Question have answer) |  |
| * Confirm\_Patient   + Input: BedNumber, Name   + Output: Patient Details, 0 |  |

No more temporary table. Only will have 3 tables. Profile, Visitor and Confirm.

TABLE

* Staff
  + **Staff\_ID, Normal Staff (refer to the old db)**
* Visitor\_Profile
  + Name
  + Email
  + **NRIC**
  + HP
  + Timestamp (System timestamp; the time they created the profile)
  + Confirm
* Visit
  + **NRIC, Visit\_Requested\_Time <Timestamp> (from the user)**
  + Purpose
  + Bed\_No
  + Fullname (From Edy’s DB)
  + Qa\_ID (Questionnaire Answer)
* Questionnaire\_Question\_List
  + **Q\_Question\_List\_ID (Questionnaire)**
  + Q\_Order
  + Q\_Active
  + Note\* The list of questions in the list is defined in the Q\_order column in comma delimited forat e.g 1,3,4,2,6
* Questionnaire\_Ans
  + **Qa\_ID (Questionnaire Answer)**
  + Q\_Question\_List\_ID
  + Qa\_JSON (Questionnaire Answer)
* Questionnaire\_Question
  + **Qq\_ID (Questionnaire Question)**
  + Question
  + Type
  + Value
* Check\_In
  + **NRIC, Visit\_Actual\_Time <Timestamp> (from the server)**
  + Staff\_ID
  + Temperature

If visiting\_req\_ts.day() not in visit\_actual\_ts.day()

purge()

* Movement
  + **NRIC, Visit\_Actual\_Time <Timestamp> (from the server)**
  + Location, Loc\_Time <Timestamp>
* Terminal
  + **Terminal\_ID**
  + Name
  + Activated
* KnowledgeData
  + K\_ID
  + Data
  + Upload\_Time (Timestamp)