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| client: sugar city |
| SYSTEM SPECIFICATION |
| for ENGLISH LEARNING WEBSITE |
|  |
| **組名好難取** |
| **11/8/2017** |

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# Purpose of Document

The purpose of this document is to set the baseline information for design, development and implementation of the English Learning Website for Sugar City by 組名好難取.

The operational requirements contained herein is based on a detailed survey of Sugar City group members.

# Scope of Work

The scope of work shall be limited to the following activities:

1. Create System Specification to capture all the requirements which is proposed by Sugar City and verbal consented by組名好難取 during previous meeting.
2. Design the system that is functional and fulfil the requirements stated in Part 3
3. Develop and implement the system.
4. Provide basic training for Sugar City to maintain the system and able to fully utilize the function of the system.

# English Learning Website Requirements

This section defines the requirements established by Sugar City and 組名好難取for the English Learning Website. It covers the details information.

Functional Requirement

1. **Access Right Control**
   1. User login action is required

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| --- | --- |
| Condition | System Response |
| Username and password is correct | Login successfully |
| Username not exist | Request the user to register |
| Password incorrect | Re-enter password |
| Password incorrect exceeds 3 times | Get reset password from your registered mailbox |

1. **System Function for Learner**
   1. English level test for user to know whether they are belong to which grade
   2. Message board for user to ask question and make request.
   3. Able to do online practice and view the handout.
   4. View their learning progress report (user report)

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Level | Module | Progress | Time Taken | Number of Question that answer correctly | Number of Question | Result |
| 8 Aug 2017 | Beginner | Reading | 1/20 | 1h3m | 20 | 25 | 80% |
| 13 Aug 2017 | Beginner | Listening | 1/15 | 18m | 9 | 10 | 90% |
| 15 Aug 2017 | Elementary | Reading | 1/18 | 46m | 20 | 25 | 80% |

1. **System Function for Educator or Consultant**
   1. Online practices (single selection answer and multi selections answer) must be able to import into the system by formatted excel file
   2. Questions can be categorized into different Level (Beginner, Elementary, Intermediate, Upper Intermediate, Advanced) and Module (Writing, Speaking, Reading, Listening and Vocabulary)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Level | Module | Number | S/MSA | Question | Choice1 | Choice2 | Choice3 | Choice4 | Mark |
| B | V | 1 | S | Which word has the same meaning with big? | huge | large | small | medium | 1 |
| B | V | 2 | S | Which word has the same meaning with pretty? | kind | clever | responsible | beautiful | 1 |

**Level -**

B: Beginner,

E: Elementary,

I: Intermediate,

U: Upper Intermediate,

A: Advanced

**Module –**

W: Writing,

S: Speaking,

R: Reading,

L: Listening and

V: Vocabulary

**S/MSA –**

S: Single Selection Answer

M: Multi Selection Answer

* 1. Handouts can be uploaded for the user to view in certain period only which means cannot be downloaded and cannot be viewed if have not reach the timing or out of period
  2. Message board for English educators or Customer Executive to settle English learner problem (read and answer question)

1. **View Report**
   1. View the list of question library and the report of the test, practice and participation of user (system report)
   2. System report can export to excel file
2. **Additional Function**
   1. Announcement for Internationally Recognized English tests (such as IELTS, TOEFL, Cambridge, Pearson etc.)
   2. Message board for user to ask question and make request, as for English educators or Customer Executive to settle their problem (read and answer question)

Non Functional Requirement

1. User Group (learner, educator, admin) and User Access Right (user information is protected and action is limited)
2. Server must reply Client request within 5 seconds in the case of smooth network
3. Our partner, XhhX Graphic Design Studio is invited to take the job of webpage design to make sure that webpage has nice interface and user friendly
4. Backup data