**wCSCI 401 Project Meeting Minutes 5**

Time: 8:30-10:15PM

Date: Sep 5th 2017

Location: The Lorenzo

Attendance: James Tseng, Yining Huang, Mian Lu, Nelson Lin

Agenda:

* Consolidate today’s meeting
* Figure out priority to build the MVP
* Break down tasks to small chunks (and divide amongst ourselves)
* Create a timeline to estimate our progress, according to the small tasks

**Priorities and Task Breakdown:**

* Database construction
  + Database structure design
    - Research on good database designs (look at examples, successful ideas etc.)
    - Primary Keys, Foreign Keys
    - How many tables and what is each one for
    - Table Hierarchy
    - Which tables are retained; what are overwritten monthly
  + Database installation
    - Install on local machines and document down any hard code
    - IIS Setup (follow link given by Pattabi on 1st LAC meeting)
    - PHP Manager
* Importation and Migration
  + Test MSSQL(server) Import/Export Wizard
* Database connection (through PHP scripts)
  + PHP v7.1 Installation (Mentioned Above)
  + Interpret scripts given by Pattabi (4 .php files) (In office)
    - Variables
  + Code in
  + PHP Database Testing
* Web Design and Functionality

→create script to query one specific user’s data

**Timeline and Task Division**

Key:

DB → Database WD → Web Design F → Functionality S → Scripts

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| --- | --- | --- | --- |
| Task description and completion description | Hrs | In-Charge | Deadline |
| DB: Research on good database designs  Submit document to drive, and discuss | 2~3 | Mian & Yining | Sept 10 |
| DB: Determine Primary and Foreign Keys, Tables and Variables, Table Hierarchy, what is updated and retained  Completion: Have a table  (aka design ER diagram) | 4~7 | Mian & Yining | Sept 10 |
| DB: Code the MVP database and debug  Demonstrate the the table exists and dummy variables can be added  (aka just 1 - have ER diagram inserted into SQL server, and 2 - insert raw BOE access db data into ours using script hopefully) | 6 | Mian & Yining | Sept 10 |
|  |  |  |  |
|  |  |  |  |
| S: Interpret PHP Login Scripts and Thoroughly Learn PHP | 5 | Nelson |  |
| WD → Create a MVP web that can be run by localhost and have basic functionality | 8~10 | James & Nelson |  |
| Cross checking tasks | 2 |  |  |

ml: microsoft official documentation on “how to make web app connect to MSSQL db? (Specifically how to authenticate into SQLdb)

https://msdn.microsoft.com/en-us/library/ht43wsex.aspx