

## YUCONZ

### Meeting Minutes

Meeting purpose:	General meeting
Date:	14th February 2019
Time:	15:00-17:30
Location:	Templeman: Group Study Booth 4, Group Study Room 1
Attendees:	Jamie Ghoorbin [JDG23], James Dyer [JD556], Nicholas Salter [NDS8], Marin Donchev [MD486]

Next Steps:	Checkpoint date:	Assigned to:	Due Date:
Improve the GANTT chart with 'detailed' tasks	/	NDS8	20190216
Programming guidelines/code template summary, update QA with pointer to document.	/	MD485	20190216
JAVA - Authenticator class	/	JD556	20190217
JAVA - App controller class	/	MD485	20190217
Copy all emails to and from client to 'Client Comms' folder	/	MD485	20190216
Write tests	/	NDS8	20190216
Create dummy data	/	JDG23	20190215
Migrate documents from Google Drive to GitLab	/	NDS8	20190215
Write up meeting minutes recording	/	JDG23	20190215

Points to discuss next meeting:
<ul style="list-style-type: none"> <li>- Progress of code</li> <li>- Progress made on GANTT chart</li> <li>- Migration to GitLab from Google drive</li> <li>- Look at diagrams</li> </ul>

Decisions made: (what, why, impacts)
<ol style="list-style-type: none"> <li>1. A document for notes of revised documents (see point 1a, discussion)</li> <li>2. Decided on using .csv for dummy authentication data, subject to change during implementation.</li> <li>3. Decided on keeping documents in .docx format when migrating to GitLab <ol style="list-style-type: none"> <li>a. All docs should be placed in untitledsolutiondocs folder.</li> </ol> </li> <li>4. Meeting 20190215 13:00 – 16:00.</li> </ol>

Miscellaneous details:
<ul style="list-style-type: none"> <li>- MD485: All members require setting up GitLab with IntelliJ</li> <li>- JD556: Note from feedback -&gt; merging to master (see point 8a, discussion)</li> </ul>

## Discussion:

1. Revised documents
  - a. JD556 and MD485 discussing how David will be aware of which files we have changed. JD556 suggests we devise a document which indicates changes made to all documents, MD485 agrees and stresses the importance of keeping the document up to date.
2. Gitlab
  - a. MD485 requests all members have GitLab set up with IntelliJ
3. Progress made by NDS8
  - a. Devised a checklist of the tasks to complete as requested.
  - b. Has not made progress on detailed GANTT chart.
4. Coding
  - a. MD485 and JD556 discusses the implementation of Authenticate and suggests making a start on the coding.
    - i. MD485 and JD556 discussing how the user will navigate through the interface and decide to implement a command line interface at this stage.
    - ii. Roles being displayed to the user in the interface, at what stage they are displayed (during log in or after they are logged in) and if the user should enter a number or type the role to select that role.
    - iii. MD485 discusses Log in: Three end states, two error states. User is not authorised for this role, username/password is invalid, log in is successful.
      1. Numbered lists: Welcome message, log in as prompt, role, username prompt, password prompt, success or failure prompt (if failure, back to welcome). On log out, log out success/unsuccessful message.
      2. You are now logged in as the <user name> and <role>, what would you like to do? 1. Log out.
    - iv. MD485 and JD556 discusses structure/session variable and roles:
      1. MD485: ENUM as a simple data structure for roles.
      2. MD485: ArrayList with roles.
      3. JD556: separate classes.
    - v. MD485 and JD556 discuss storing of Usernames and password for mock up:
      1. Stored within Java file: text file or csv file.
      2. Database
      3. Decided on external csv file -> users.csv
        - a. abc123,password,012 (username,password,role(s))
5. Looking at Class diagram
  - a. MD485: Success Boolean not necessary.
  - b. Record: Who logged in, when and as what role.
    - i. Timestamp [dateTime], UserID
    - ii. MD485 mentions Record ID and success is what's specified.
  - c. Log out not required to be recorded.
6. General chat
  - a. Ensure all minutes completed.
  - b. Ensure GANTT chart is done.
  - c. Testing: Unit tests required.

- d. MD485: Authentication class -> have one to check if a user has a role, and a different check to see if a user and a user's password is right. Allow for separate error messages and make tests for all of those. Test for error message 1, 2, test for success, test for log out.
  - e. Left comment in scenarios for updating later: user does not have the requested access rights.
  - f. Model log out failure: logged in with a cookie set, attempt a log out and if the cookie is still set as anything that's not 0 or empty string then log out failure.
  - g. Log out its own method.
  - h. Requesting access as a specific thing, its own method.
  - i. Logging in, a specific method that sets a global variable its own method.
  - j. Need to have a global variable which is not recommended in OOP. JD556 suggests ApplicationController is global and can hold a list of settings.
  - k. ApplicationController can have the loop. Main as its own thing.
  - l. MD556 suggests 5 tests: Successful log out, unsuccessful log out, successful log in, successful log in but wrong role, unsuccessful log in.
  - m. MD485: Programming guidelines – twitter spec on GitLab
    - i. Copy over guidelines and reference the source.
  - n. MD485 to make a revised doc of programming guidelines.
    - i. JD556 mentioned: Can be own doc and be referenced in QA – in general, the whole document is a good idea but the rules that we will be following in general will be a revised version.
7. Tasks taken down by NDS8
- a. Write the code
    - i. JD556: Authenticator class: Read from user file, means of checking the details are correct (RTN Boolean) -> username, password, role.
      - 1. MD485 states: Authenticator should create log.
        - a. 0 success, 1 invalid password, 2 failed role -> include what is returned and why in Java doc.
  - b. MD485: App controller
  - c. NDS8: to write tests
  - d. JDG23: dummy data
  - e. MD485 to write the code template [Style guideline]
  - f. NDS8: move all files from Google drive to GitLab
    - i. Store revision history too.
8. Point from feedback raised by JD556
- a. Merging to master requires all tests to pass, merging to development doesn't require all to pass. MD485 mentioned previous documents may not have been explicit on this point.
    - i. JD556 mentioned: Should we change the name of the branch on gitlab from experimental to development?
9. Discussing points from the previous meeting:
- a. MD485: Emails to client coms – not fully completed. Will sort out when he gets home.
  - b. Create coding templates: MD485 to summarise.
  - c. JDG23: explore Linter or similar software -> Linter can be useful, but we have limited time to implement. Maven also identified as another solution. MD485 suggest

limited time may not allow us to learn and implement it now. Possibly for the next stage.

- d. Google Drive to GitLab to remain in .docx format.
- e. Tomorrow meeting: 1300 – 1600. Room booked during the meeting by JDG23, JD556, NDS8 (single hour).