Group 42 Report - 06/12/19 - 24/01/20

Adnan Ahmad, Rajesh Goyal

Status Of The Project

The parser for IXN word documents now works for any sized forms, no matter the row number. The schema for the mySQL table has also been redesigned so that it now accommodates all sizes of forms- there are now enough columns to store for every type of row an IXN form may have. The parser uses fuzzy string matching to match up the row names with the column names in the database.

Now that this function is done, we are waiting on Dean to send a larger sample of forms to test it. Right now, there is a known bug with the parser that will be dealt with: there isn't a match threshold which means the parser will match the best value, but this might not be a suitable value- the best value might have a match of 3%, for example, but this is obviously not a good match at all.

In the meantime we have began working on the bot using the Microsoft Bot Framework. It does the basic task of searching project organization right now, for the purpose of the prototype deliverable.

Most of our attention has been on project deliverables for the course; the website, individual report, video demo on the prototype and the elevator pitch. After this, our attention will be solely on development.

Updates With Client

The key updates have been:
- Dean has gone through our MoScoW requirements and updated them
- Gave an elevator pitch to our pseudo-client Joseph and Dean about our project status

List of completed tasks
- IXN form parser working successfully for all form types
- The bot now searches our mySQL table using project organization as a proof of prototype

Next Steps
- Parser needs testing on a larger sample of IXN forms to see if it works flawlessly
- The bot needs extending out so it can run more queries

Progress By Team Member
Sam is still missing and has not contacted us since the 22nd December

Website, presentation was all done by Rajesh

Parser and bot prototype was done by Adnan