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| **Date: 30th January 2019**  **Time: 1300**  **Venue: SIS Level 4 student lounge** | |
| **Attendees:** | |
| 1. Xavier | √ |
| 2. Jin | √ |
| 3. Ashley | √ |
| 4. Regan | √ |

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| **Agenda** | |
| **No.** | **Description** |
| 1 | Consult on the Lucene search queries |

Xavier recommends using Full text search using Lucene

Search feature needs a data structure to store. What is our data type? - string

String is unique. When you store the track “business analytics” in a document. The string is stored as a unique value. Data type is read as one full word.

* Couldn’t get any score or matches when we used stringfield
* Change stringfield to textfield to read each word

Fuzzy query is a good algorithm.

If you have lengthy keywords “business analytics technique”, Fuzzy query will search for related keywords and rank results according to the level of similarity

\*Be careful in casing of text

\*Make sure all texts are lowercase

Deployment will see bottlenecks, delay in search

- how you store the data. If you search and retrieve the data in the file, will reduce the load on the server and save memory consumption.

**The meeting was adjourned at 1330. These minutes will be circulated and adopted if there are no amendments reported in the next three days.**

**Prepared by,**

**Tan Wei Zheng, Ashley**

**Vetted and edited by,  
 Jin Lim**