**COMP4321 - Search Engine for Web and Enterprise data**

**Team Project Phase 1**

Spring 2019 - Group 25

AU, Ho Leong ([hlauac@connect.ust.hk](mailto:hlauac@connect.ust.hk)) 20260060

KIM, Hyun Gyu ([hgkim@connect.ust.hk](mailto:hgkim@connect.ust.hk)) 20375138

CHEUNG, Ka Ho ([khcheungap@connect.ust.hk](mailto:khcheungap@connect.ust.hk)) 20465294

**1. RocksDB Schema:**

\* URL\_DB\_NAME - Web url: *String* ***to*** Web id: *Int* database

\* URL\_INFO\_DB\_NAME - Web id: *Int* ***to*** Triple(Title: *String*, Date-Modified: *Long*, Size: *Int*)

\* URL\_CHILD\_DB\_NAME - Web id: *Int* ***to*** List(Child Web id: *Int*)

\* WORD\_DB\_NAME - Word: *String* ***to*** Word id: *Int* database

\* SPIDER\_DB\_NAME - Word id: *Int* ***to*** List(Web id: *Int*, Word Location: *Int*)) database