**CS305: Software Engineering**

**Mini-Project REST API TEAM**

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**Test Report and Specification**

**Module Testing**

REST API team: Exploratory testing results

Part1: Testing search queries

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Search Query String | Output | Passed (Yes/No) |
|  |  |  |  |
| 1 | spinning earth | 3 local videos in the search results. Video playing when clicked for all 3 links | Yes |
| 2 | Big Bang | No links for local videos. (No video in local database with title matching query) | Yes |
| 3 | rainbow | 2 local videos in the search results. Video playing when clicked for all 2 links | Yes |
| 4 | spin | 3 local videos in the search results. Video playing when clicked for all 3 links | Yes |
| 5 | Engi | Showing two results Engineer1 and Engineer2 Videos as they match “Engi”. Video playing when clicked for all 2 links | Yes |

Part2: Uploading Videos

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Condition | Output | Passed (Yes/No) |
|  |  |  |  |
| 1 | Uploaded with Thumbnail | Results shows Videos with Thumbnail | Yes |
| 2 | Uploaded without Thumbnail | Results shows videos with Default Thumbnail | Yes |

**Integration Testing**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Condition | Output | Passed (Yes/No) |
|  |  |  |  |
| 1 | Integration with Develop branch | No conflict. Successfully merged | Yes |
| 2 | Integration with Frontend | Successful without error. | Yes |

**System Testing**

Added CI workflow code for System Level Testing.