**Day 1 – 04/07/2021**

***Project Discussion:***

Making an Automated Process/Robot for assorting critical information from research article libraries and compiling/storing them for better management.

**Google Scholar/ Research Gate/ Sci-Hub/ Scopus???**

**Research Gate chosen for the majority of testing and application -**

* Consistent Data for all articles and publications.
* Variety with major keyword searches possible.
* Less Buggy Website with a constant source of information.

**<https://www.researchgate.net/search.Search.html?type=publication&query=>**

**Workflow Initial Idea ---**

ResearchGate/Publication –> Search Input our desired keyword –> Click enter button –> Links show up for all publications –> Extracting all links from it and storing in XLSX/CSV –> Take input of links as individual keywords from CSV file as keyword –> Pass it through Data Capturing Robot –> Get required content –> Compile it.

**Diagram

Description automatically generated**

**Day 1 tasks:**

**Search related robot.**

Open Browser *https://www.researchgate.net/search.Search.html?type=publication&query= safari*Wait Until Page Contains *Discover the world's scientific knowledge*Sleep *5s*Input Text *name:q machine learning*Wait Until Keyword Succeeds *1 min 1 sec Element Should Be Visible xpath://\*[@id="rgw3\_60e22720e6e60"]/div/div[2]/div[2]/form/div[2]/button[1]*Click Button *xpath://\*[@id="rgw3\_60e22720e6e60"]/div/div[2]/div[2]/form/div[2]/button[1]*Page Should Contain Element *All types*Close Browser

**Bugs/Issues – No search ‘button’ present on the page after robot types the keyword/query.**

**Manual Enter Key required. Mass Links crash the automation Process.**