Group members

Eranga Kumanayake (0787857)

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Neha Dewangan (0768997)

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Week Meetings

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| --- | --- | --- | --- |
| **Date** | **Time** | **Duration** | **Location** |
| Feb 18th, 2023 | 10:30am | 3 hrs | Teams |
| Feb 22nd , 2023 | 6:30pm | 2 hrs | Teams |
| Feb 24th, 2023 | 5:30pm | 1 hr | Teams |

Agenda items

1. Review the work done until week 6 and review the professor comments.
2. Preview of week’s advanced presentation
3. Midterm presentation topics and work assignments

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| --- | --- | --- | --- |
| **Action Items** | **Owner(s)** | **Deadline** | **Status** |
| Create account on drugbank.com in order to get access to the entire dataset version 5.1.10 | Luis | 2023/02/24 | **DONE** |
| Automation of downloading updated data from a website, structure the data, loading into SQL/Sharepoint/no code tool such as Tableau or PowerBI - download and structurize part has been completed. Loading to a tool/cloud is still pending.  Analyzing data refresh techniques. | Neha | 2023/03/03 | **In Progress** |
| Research on content related to prevention and shortage of external databases as a complement to existing data | Eranga  Sagarkumar  Grace | 2023/02/24 | **In Progress** |

Challenges/disagreements

* Still waiting for the response from 'DRUGBANK' has been a challenge. We are currently waiting for their reply to obtain more information about the drugs and related data (<https://github.com/nehad2909/drug-product-database-health-canada/blob/main/Drug_Bank%20data%20query.jpeg>)
* As plan B, get a historical shortage database in Canada, in order to consider predict a forecast of most possible shortages and suggest some optional to the user
* We created a summarised dashboard based on the location of the company, status, and count of the drugs. But we had to discard it as it was not related to a drug shortage.

Next meeting challenges

|  |  |
| --- | --- |
| **Next Meeting Action Items** | **Owner(s)** |
| * Looking for official shortage historical all related data. * Research for next possible solutions for the drugbank substitution. | Eranga  SagarkumarGrace |
| * Continue working on visualization. * Work on investigating an automatized procedure that shows end users the optional drugs due to entry | Luis |
| * Continue working on automation and analyzing data refresh techniques. | Neha |
| * Continue working on mid-term presentation slides | All members |

Next meeting date

2023/02/28

<https://github.com/nehad2909/drug-product-database-health-canada>