**Sahil Wani**

SUID: 466848553

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**Task:** Build a bot that can answer questions about grad courses in the iSchool

**Steps:** I divided this task into 3 parts-

* + **Data Preparation-** For vector database I need to scrape the data from website and store it into the Json file. Initially I thought of using beautifulsoup for web scrapping but due to complexity of web page and hierarchy of data it is unable to fetch all the data from webpage so now I am trying to use selenium for scrapping.
  + **Vector Embedding:** I am still researching about this part, I tried creating embeddings using the data that I manually fetched for few courses of iSchool and I was able to create the vector embeddings for the course information using cohere’s embedding API and Chroma DB vector database but I need to clean the code and create the python function which will perform embeddings upon function call
  + **Integration with Chatbot:** For this I need to figure out how to create vector embeddings for the user query and compare it with our vector database to provide most relevant vectors.