**Problem Statement**

**Objective**:- Need to extract the items and their details from scanned bill of items doc and classify these items as medical vs non-medical

**Description**:-

A single page bill of items is provided which is having items which were consumed to treat a patient. This bill is having item details like name, quantity and price. These details are to extracted from the bill of items accurately.

**Suggested Tools**:-

1. Large language models like Chatgpt, Claude etc. Use the following open ai api key if needed:-  
   “sk-proj-S17eAGpwxbmSaq7v4-3Q-B7795QCX6thEoNKymTsvZZ4DvXDIU60UfPS6qyIaBmLFcayH-GZUTT3BlbkFJd7s5tklnLXXtnzb8hq1W37Iy9A-3Z5coeE\_IzzakszJBospTzk9ynJTev2\_VKR79oddvEBERcA”
2. Libraries like langchain
3. LightRag (which is a graph rag tool) <https://github.com/HKUDS/LightRAG>
4. Feel free to use any other tool which you think will be helpful

**General Guidelines**:-

1. Push the created code to a github repo (as a public repo) and share the link for the same
2. Let us know in case of any blockers or doubts