**National University of Computer & Emerging Sciences, Karachi** **Spring 2021**Assignment II

**Instructions:**

* Read the following scenario carefully before performing the given tasks
* You can use Google if you need to (although it's likely that you won't have to)
* Don't share your solutions with each other
* Use comments to explain your code wherever applicable

**Submission:**

* You'll need to submit a single .***docx*** file containing separate solutions for each task
* Before submission, rename your file as your ID e.g. ***k20-1234.docx***
* **Deadline:** *Monday, 20th of March, 2021 (07:00 am)*
* To be submitted on Google Classroom *(code:* 2amrzuo*)*

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*"Universe7 is the leading exporter of Senzu Beans and has set up offices in* ***d****iffer****e****nt region****s*** *of* ***t****he count****r****y. Each office is managed by a head and has a daily expendit****u****re (electricity consumption et****c****).* ***T****he day to day operati****o****ns in the regional office include p****r****inting the profit and expense for the day."*

**Tasks:**

1. Identify all the entities.
2. Shortlist the entities according to their relevance.
3. Write proper C++ code to show all the classes, variables, constructors and functions present in the given scenario. You don't need to provide any implementation for the functions.
4. Draw the class diagram.

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