

**PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY  
AND ENTREPRENEURSHIP**

*PROJECT REPORT FOR WEEK 7*

**Project Title:** AI-powered Nutrition Analyzer for Fitness Enthusiasts

**Team ID:** PNT2022TMID15800

**GitHub ID:** IBM-Project-24498-1659943754

**Mentor Name:** Mrs. S. Selvi

**Team Members:**

P Jai Siva Ranjani (Team Leader) – 111719104118

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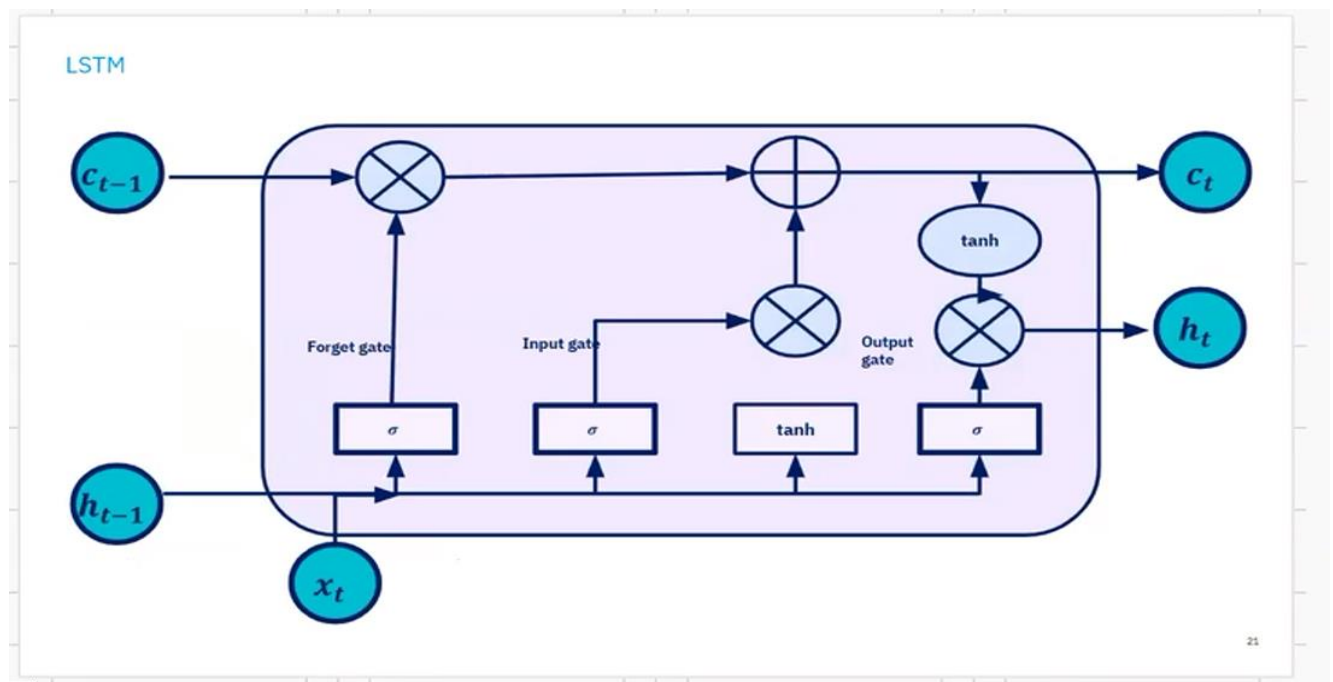
Lavanya S – 111719104084

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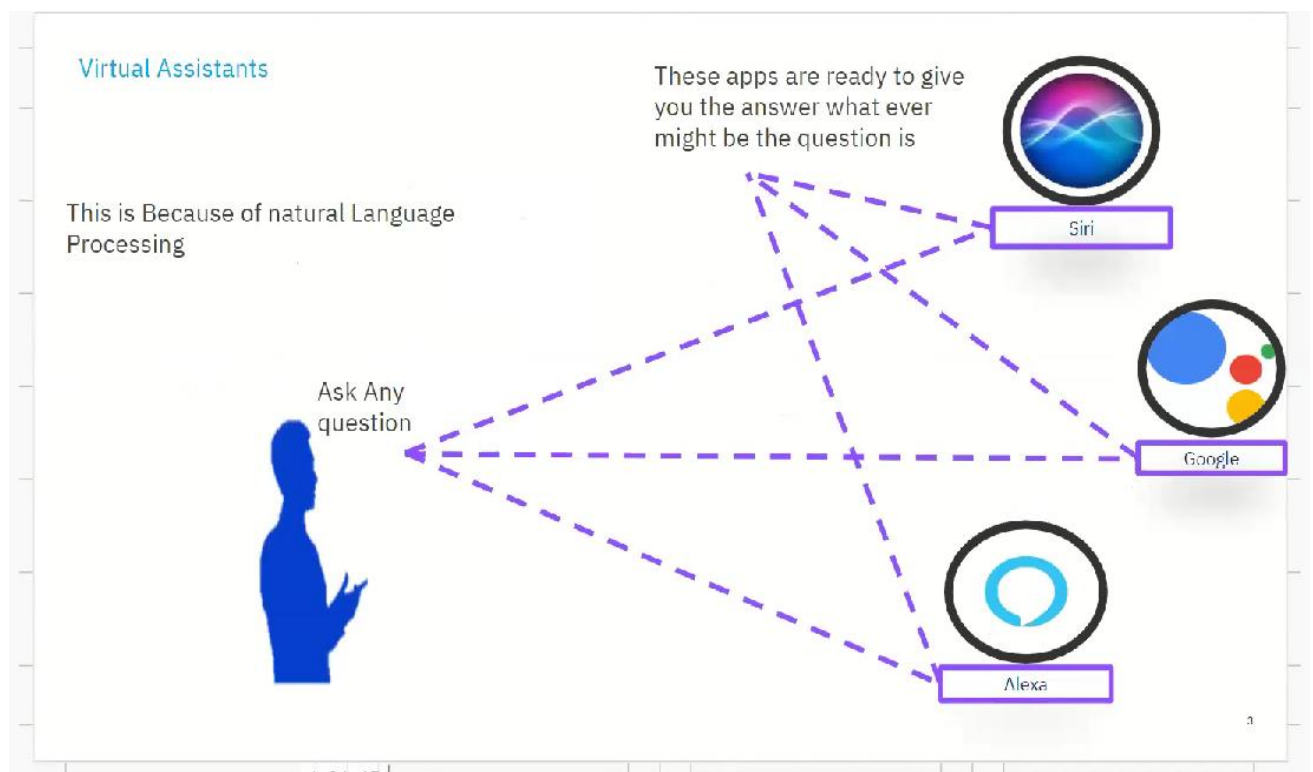
**WEEK 7(06-08 Oct 2022):**

In week 7, We had Prepared the Customer journey maps which gives details about various phases, steps, feelings, pain points, opportunities associated with our project. We attended the

technology training sessions. We had completed the Assignment-4 and uploaded it in our github account.



## Virtual Assistants:



## Natural Language Processing:

### Natural language Understanding

Natural Language Understanding (NLU) helps the machine to understand and analyze human language by extracting the metadata from content such as concepts, entities, keywords, emotion, relations, and semantic roles.

NLU mainly used in Business applications to understand the customer's problem in both spoken and written language.

- NLU involves the following tasks -
- It is used to map the given input into useful representation.
- It is used to analyze different aspects of the language.

