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| COLLABORATIVE BRAIN STORMER |

**Introduction**

A collaborative brainstorming tool allows multiple people to brain storm ideas together. The tool is designed to fosters idea generation as well as let a person engage with others in a fun filled environment. Ideas are jotted down and people can add, vote and create knowledge bases out of individual ideas.

**Action**

We are tasked with creating the backend for our collaborative brain storming tool. We are given a rough feature list that lists down the major functionality that the backend should have.

1. User authentication & authorization.
2. Brainstorm session creation. (Just like a room)
3. Idea creation & management.
   1. A single person can add an idea in a brain storm session, other users can add their ideas as well.
4. Commenting on brainstorm session & on an individual idea.
5. Voting ideas & brainstorm sessions.
6. Knowledge base creation
   1. A knowledge base is a set of ideas with a name.

**Additional points**

1. We can introduce a ranking algorithm to rank brainstorm sessions and ideas.
2. We can introduce search functionality for searching brainstorm sessions and ideas.
3. We can add time boxes sessions that do not allow adding new ideas after a specific time interval has passed.
4. We can introduce progress tracker that allow users to mark ideas as “in progress”, “almost finished” or “done”.
5. We can add AI powered suggestions to suggest potential ideas in brainstorm session.
6. We can introduce audio & video attachment.