GC-447 | BIO CONTRIBUTE

ABSTRACT

The "Bio-Contribute" mission represents a transformative endeavor at the crossroads of technology and life sciences. This report outlines the project's desires, methodologies, and early achievements. Bio-Contributor's primary objective is revolutionizing how life science statistics are created, shared, and accessed. A collaborative crew led by Sainath Reddy, Chandrasekhar Reddy, Tejaswi Divi, Sharanya Chinthakuntla, and Kiranmayi employs present-day generation and person-pleasant layout to create a platform in which users can contribute, percentage, and get admission to vital lifestyles science data seamlessly. This abstract offers a glimpse into the task's ability to reshape the landscape of data introduction and sharing within the existing sciences, promising a more on-hand and collaborative destiny for clinical studies.

INTRODUCTION

The "Bio-Contribute" assignment is a groundbreaking endeavor poised on the intersection of technology and existence sciences, with an imaginative and prescient to redefine how facts are generated, shared, and harnessed for the development of studies and innovation. This file introduces the undertaking's targets, and far-reaching implications.

Bio-Contribute scope extends past conventional limitations, transcending the restrictions of traditional statistics management systems. The overarching goal of this challenge is to create an innovative platform in which researchers, scientists, and fans can seamlessly contribute, percentage, and access important life science facts and content.

By imposing modern technologies, consisting of GPT-3 and a person-friendly layout, Bio-Contribute envisions a future where the limitations to information introduction and sharing inside the life sciences are dismantled. This record delves into the venture's techniques, initial outcomes, and the transformative ability it holds for the scientific network.

METHODOLOGY & FLOW

1. Data Collection flow
2. Data Search flow
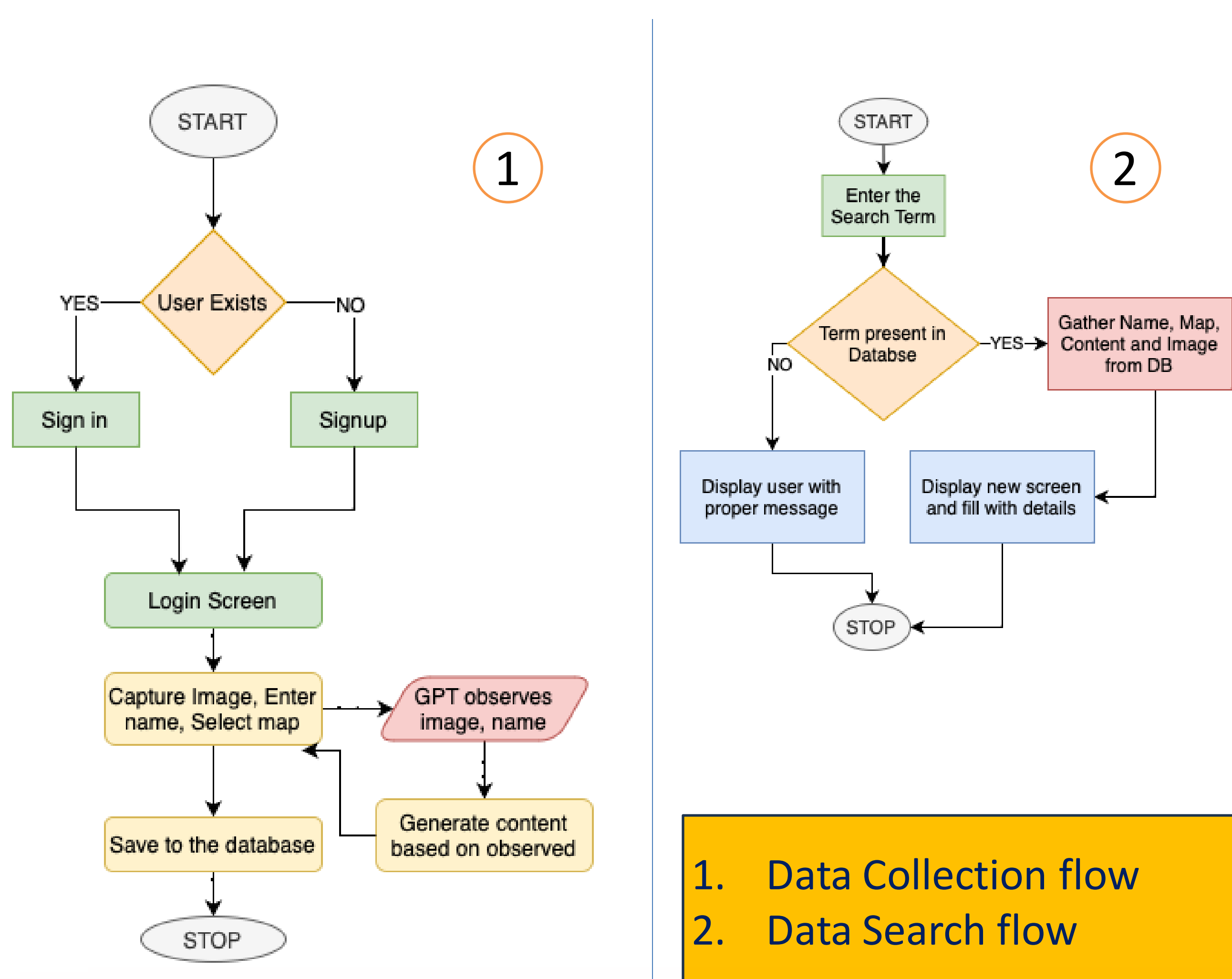
APPLICATION SCREENS

#	Screen	Description
1	Signup	User should be able to create account
2	Home	Multi tabbed screen for user guidance
3	Capture	Upon image capture and entering name, Chat GPT generates content based on the name, picture.
4	Post	Stored all data in database with map info.
5	Detail	Display image, data, map of selected item.
6	Map	Calculates distance to source using GPS
7	Search	user can search & select items from database

FUNCTIONALITY DIAGRAM

Subjects — Mobile Device — Chat GPT — Database — Client Device
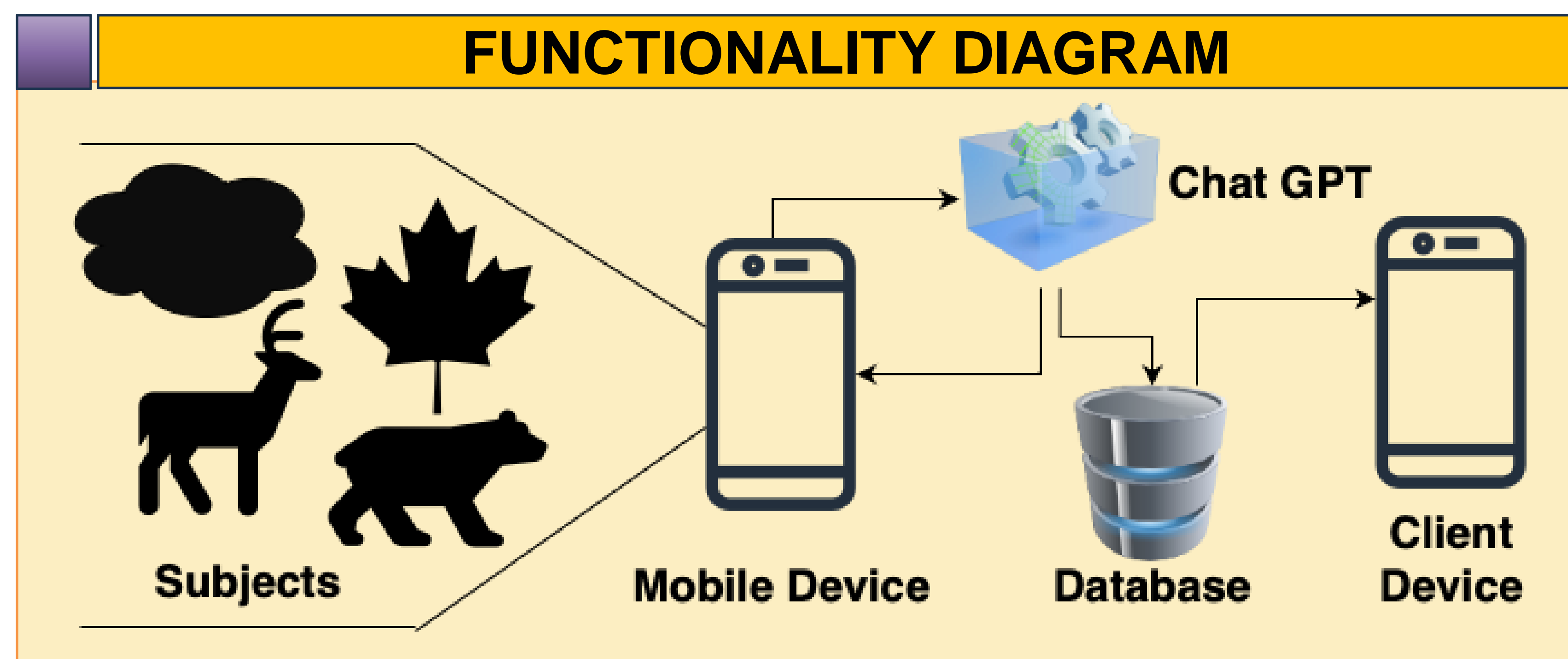
RESEARCH QUESTION

1. Can latest technology be used to capture the statistics from the nature using IoT sensors and devices?
2. Does researchers, analysts benefit from the data captured using current implementation?
3. Can IoT based sensors and AI powered chat can interpret the nature and provide data for statistical analysis and learning?

INTERPRETATION

The preliminary outcomes and findings offer a promising outlook for the "Bio-Contribute" project. The lively user engagement, integration of AI for records enrichment, and determination to data accuracy set up a sturdy basis for its transformative potential in the subject of the existing science. The mission's commitment to iterative development and consumer remarks strengthens its adaptability and responsiveness to evolving user needs (Thompson & White, 2018).

PRELIMINARY CONCLUSION

In the early tiers of its improvement, the "Bio-Contribute" mission has made vast strides toward reshaping the landscape of existence sciences facts creation and sharing. The achievements and findings presented in this document underscore the undertaking's transformative potential and the dedication of the assignment team. The undertaking's success may be attributed to a well-notion-out layout, meticulous development phases, innovative information series methods, and rigorous trying-out processes. The utilization of Figma for design, seamless integration of frontend and backend development, and GPT-three for facts enrichment have collectively contributed to the project's staggering development.

The preliminary consequences imply an enthusiastic response from users, with strong engagement and content material contributions. This reaffirms the project's vision of making a consumer-pleasant and collaborative environment for existing science professionals and enthusiasts. The integration of AI generation, including GPT-three, has drastically progressed records in-depth and excellent, demonstrating the capacity for AI-assisted information enrichment in scientific studies.

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