PROJECT SYNOPSIS/PROJECT CONCEPT DOCUMENT

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Created By	Kowshik, Chaitanya, Anandhini Rajendran, Shri Vidhatri
Client	Madhulatha Mandarapu / VaidyaMegha Private Limited

DESCRIPTION

Creating a Global clinical trials registry data platform: collect the data from 17 different registries, build web scrapers and convert extracted data into a simple JSON format using data transformation scripts and make them available for performing different operations like Login, search, compare, discover, analyze amongst clinical trial records.

PROFILE OF USERS

- Researchers: Researchers need bulk data and data comparisons.
- Apothecaries: They will update the information related to the latest medicines (The page should be dynamic to get updated on the latest trials)
- Medical companies: They need data relevant for their production of vaccines, medicines. (can be implemented using filters)
- Doctors: They can update the information related to the latest trials and also gather the information related to the trials, vaccines, and medicines
- Colleges: They need trial data useful for teaching students.
- Students: To do research on trials they need data.
- Patients: They might not be literate so they might need pictures to demonstrate data.

USAGE MODEL AND DIAGRAMS (IF ANY)

This model will be used by

- Doctors will be using this system for gathering information related to various diseases or clinical trials.

- Research students will be using this system for information related to clinical trials happening at the given time
- Patients with rare diseases will use this system for getting to know trials related to the disease and might try taking part in it.
- Medical companies will use this system to be updated on the approved vaccines/drugs/medicines and may be interested to manufacture them.
- Apothecaries will use this to get knowledge on ongoing trials.
- Institutions and Universities will use this to bring into students' notice about trials happening and may encourage them to research on these and increase awareness by encouraging them to keep campaigns.