SR Report plan

1- Plan for implementing research clubs.

-First: preparation-

Step 1: make online groups for research in:

-Biology

-Chemistry

-Computer science

-Geology

-Physics

Step 2: assign a professor to each group in their specific field.

Step 3: assign a competent leader for each group to assess trainees, help them, and report on their progress.

Step 4: test the leader in the field that they're assigned to, and other skills like technical writing and communication.

Step 5: Prepare scientific materials that will be given to participants for training.

Step 6: create online forms for trainee applicants to sign up.

Step 7: create specialized groups of research:

-Bioinformatics

-Nanotechnology

-Python

-Cancer Biology

-Genetic engineering

-Neuroscience

-Quantum computing

-AI and machine learning

-Data analysis

-Stem cells

Step 8: assign competent HR members to each specialized group that will report to the leaders.

Second: first wave of trainees

-In the first 2 months, applicants will be instructed and guided through basic techniques relevant to the field of research, and catch up with the newest discoveries and findings in their respective fields

- After that, the assigned professor will instruct and guide them to find a gap while setting the deadline.

- Since it's a research club, exchanging info will be necessary, an online chat will be opened for members in different fields to communicate through.

Third: establishing a sci-infinity magazine and postgraduate work

- A magazine will be made available to showcase amateur research before being refined and published to an official journal, offering constructive criticism which helps refine the final paper.

- A website will be made in the late stages of the research clubs.

- A side objective of research clubs is to aid students in their academic work even after graduation, so another branch of SR will be made for post-graduate students seeking guidance.

2-SR courses and future

- Leaders and the head of SR will find and collect the scientific material essential for their respective fields and compile it into a course that delivers all that is needed to start searching for gaps and find discoveries.

- The courses will contain lectures, papers, extra reading material, professor insight, presentations, tasks, and tests for evaluation.

-Implemented courses are:

- Stem cells: The Science of Stem Cells from American Museum of Natural History provided by Coursera

- Breast cancer: Introduction to breast cancer provided by Coursera

-New courses that will be added:

- Introduction to bioinformatics

-Communication Skills Course by et3alem.com

-Introduction to Genetics and Evolution by Dr. Mohamed Noor provided by Coursera

Other courses will be added after expansion 1 like:

-Nanotechnology

-Python

-Genetic engineering

-Neuroscience

-Quantum computing

-AI and machine learning

-Data analysis

-Safety

-Clinical research

-Scientific research

-Embryology

-English academic writing

-Soft skills

-Marketing

-ICDL

-Graphic design