VisualPro - Research Proposal

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Abstract—**This document provides the proposal of the Independent Project. After doing in-depth research and planning, the working title for this project is VisualPro.**

Hypothesis: If visual scripting can write structure and logic of any desired language the user wishes, will this:-

- **A: produce a more productive and better work environment.**
- **B: help newcomers code in any language without knowing different syntax per language.**

Index Terms—**Visual Programming, Proposal, Research.**

I. INTRODUCTION

The VisualPro Proposal document includes a Literature Review, Aims and Objective, Project Design, Resources and Planning and Reference List.

The Literature Review section contains segments of academic books and journals related to the project proposal. Within the extensive research, hand-picked articles and journals to show what technologies are required to make the idea plausible, narrowing down the project's association towards the author's study area.

After the Literature Review section, the Aims and Objectives section will give the reader an idea of how the final product will impact society and its user base.

The third section, Project Design, describes the outline of the project process, data collection, risks and limitations and ethical issues. These are essential points that decide if the project breaks any laws or pushes too many boundaries in today's society.

The Resources and Planning section include two subsections; Resources Required and Planning Chart. Resources Required sub-section involves Physical Resources *(if any hardware and equipment are required)*, Human Resources *(if any staff are required)* and Other Resources *(if any software or other categories not been mentioned are required)*. The planning Chart sub-section displays the tasks and time frame within a Gantt Chart, constructed by Microsoft Publisher (Ref Here), which shows the reader whether or not the project is doable with the schedule given.

II. LITERATURE REVIEW

III. AIMS AND OBJECTIVES

A. Aims

Productivy

B. Objectives

IV. PROJECT DESIGN

A. Outline of Project Process

B. Data Collection

C. Risks and Limitations

D. Ethical Issues

V. RESOURCES AND PLANNING

A. Resources Required

Physical Resources
Human Resources
Other Resources

B. Planning Chart

After planning the schedule to 400 hours to fit in the 28th of April 2022 deadline, the schedule finishes on the 07th of April 2022, giving leeway of 21 days.

Schedule of VisualPro: Microsoft Project Schedule [1].

Evidence of Microsoft Project Schedule [2].

C. Mindmap - Ideas

This mindmap demonstrates the process and current experience, which helped get the idea for the final project.
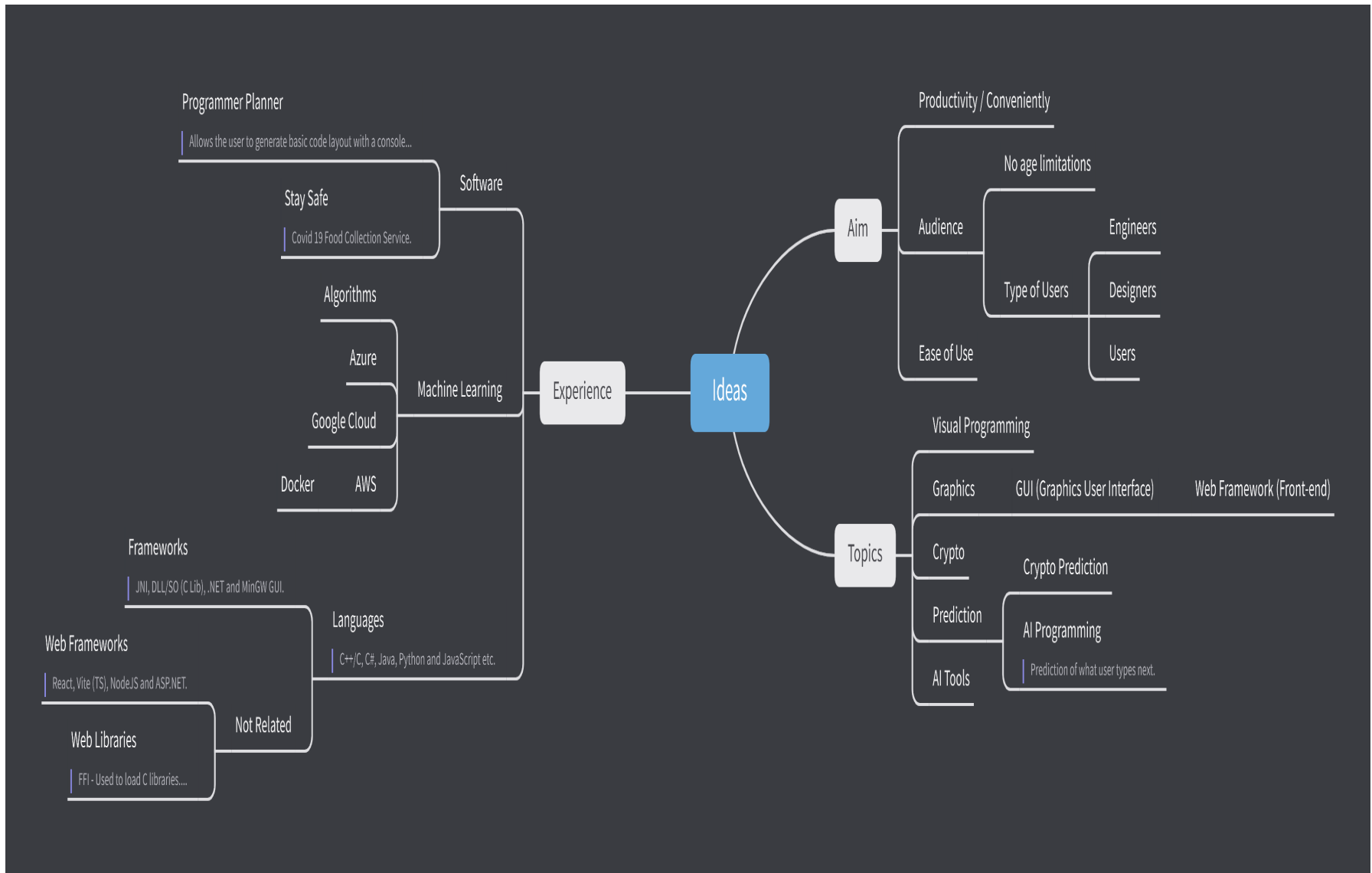

Fig. 1. VisualPro Ideas Mindmap

D. Mindmap - VisualPro

This mindmap displays existing and future libraries or problems within the final project that may prove resourceful within the development of VisualPro.
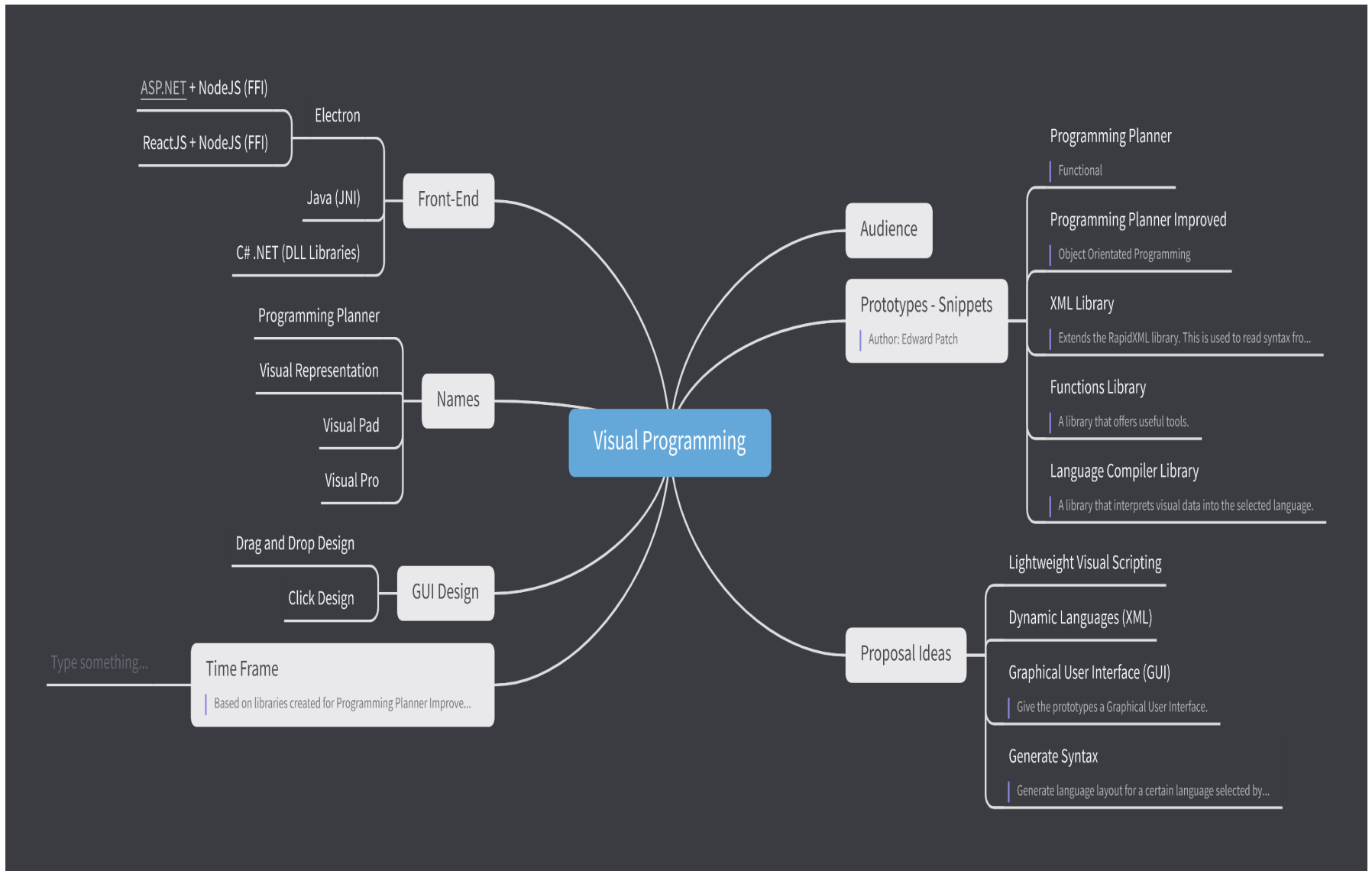

Fig. 2. VisualPro Mindmap

VI. Conclusion

VII. Reference List

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