Department of Computer Science
CS 298/299 Proposal
Title: write a suitable title for your project. JestScript - A Whimsical Dive into Humorous Programming

Write your name John von Neumann

Advisor
Write your advisor’s name and email address Dr. Donald Knuth,
advisorEmail@sjsu.edu

Committee Members
Write your committee member’s name and email addresses Dr. Edsger W. Dijkstra, member1Email@sjsu.edu, Dr. Claude Shannon, member2Email@sjsu.edu

Introduction
- This section includes two to three sentences that introduces the general background of your research project.
- You should write general introduction to a broader field and a specific field of research.

In the realm of code seriousness, JestScript emerges as a playful endeavor, infusing the traditionally stoic world of programming with humor. Motivated by the desire to bring joy to coding, JestScript presents a unique take on syntax, error messages, and debugging experiences.

Keywords:
- Write up to 6 keywords to help identify/classify your report.
Bear in mind that keywords help others to access the report and improves its visibility. 
programming language, enjoyable coding, programming language design, user experience, light-weight programming language

Problem Definition and Motivation

• This section highlights the motivation of your project and clear and concise definition of your project.
• The motivation sentence should clarify why an audience should care about your project.
• The problem statement clearly sets a scope of the project.

The motivation behind JestScript lies in challenging the stereotypical perception of coding as a dry and serious task. With a plethora of programming languages prioritizing functionality over fun, JestScript aims to provide developers with a light-hearted alternative, fostering a more enjoyable coding atmosphere.

Results Achieved in CS 297

• List a few main results from CS 297.
• Write a very brief description of each item.

• JestScript Compiler: The JestScript compiler that translates JestScript code into executable instructions for the target platform
• JestScript Syntax Guide: A detailed guide documenting the JestScript syntax, language rules, and conventions for developers.

Expected Deliverables in CS 298/299

• Define a few main deliverables in your CS 298/299.
• Each item should be a tangible product not a vague action item.
  o [Bad example] Think about the characteristics of my new programming language

• Open-Source Repository: The public repository on a platform like GitHub containing the JestScript source code, documentation, and issue tracker.
• User Feedback Analysis Report: A report summarizing user feedback from testing phases, outlining areas of improvement and potential future enhancements.

Timeline and Milestones for CS 298/299

• Define several key milestones in your CS 298/299
• Make sure that each milestone is well-defined so you and your advisor can track the project progress (and possibly measure the delay of the project)
• Plan the duration and timing of each milestone and create a Gantt chart
Table 1: Timeline of the project draw your timeline preferably in a Gantt chart and delete the above chart

References

- List the references here using a consistent format