

Name

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Education

University	Indraprastha Institute of Information Technology, New Delhi
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Synopsis/ Overview

Proposal Title: TuxWord - English learning game for kids

Overview: A web application which is collection of English word games called the TuxWord, will consist of a 6-8 word games with various levels in all of them. Games include Hangman, Wordsearch, crossword et al.

Benefits to the users

The audience for this application will be 4-10 year old kids. This would allow them to increase their English speaking, reading and writing skills. Adding to it, this would add up to their intelligence, memory and creative skills.

Project Details

This project is similar to the earlier mind exercises project. This application provides user to play new learning games on an online responsive domain. The application will be based on existing CraftyJS maintained by starwed openly available under the MIT License. A static html canvas will consist of the javascript application consisting of a menu for the user to choose among the games available to play and select the difficulty level.

Deliverables

Week 2: Detailed Blog post on plan/ mockups for the project

Week 5: 2-3 Game pages deployed on a public platform

Week 8: Addition of more game pages

Week 10: Complete UI with all games at one page

Week 12: Final blog post, Roadmap for further improvements, Documentation of the project

Project Schedule

23 May - 5 June(2 Weeks)
Research and planning weeks <ul style="list-style-type: none">• A list of games to be built• Get speed up with CraftyJS• Creating a development platform and a locally hosted domain Getting familiar with assigned mentor(s) and discuss the questions I might have so far. Discussions about the project details and meeting dates with mentor(s).
6 June - 26 June(3 Weeks)
<ul style="list-style-type: none">• Based on plan, create wireframes of games.• Some publicly available game• More mockups for the project and details of further additions.• First prototype of the web UI.
27 June - 17 July(3 Weeks)
<ul style="list-style-type: none">• More wireframing of the project created so far, make changes of project plans if needed.• Bug fixing.

18 July - 31 July(2 Weeks)
<ul style="list-style-type: none"> • Deploy a complete public demo instance and taking feedback from users on changes so far. • Mentor review of the app and changes/implementations accordingly.
1 August - 15 August(2 Weeks)
<ul style="list-style-type: none"> • Project wrap up • Final blog post. • Scope for further development • Documentation

Time

I plan to contribute 36 hours a week with Sunday as off, making it 6hrs a day, working full time from home or college desk. After summer, I will be back to college studying and as well as contributing to Tux during my free time.

Motivation

Frankly speaking, my main and only motivation for participating in Google summer of Code is to master my designing and animation skills in turn it'll help me grow as a web designer. I've been programming in HTML, CSS, JavaScript since more than 2 years now and also have created many websites using the same. This project is perfect for me to further jump into the world of WebD.

By working on this project I'll be gaining hands on appearance on working on a project guided by my mentor(s). So, I am equally excited as I am ready to dive into the development period of the project. In the end what I want is simply appreciation if I am qualified and be a part of the Tux community so that I can contribute more and more to the organisation and even mentor for the organisation in future (if I am lucky enough!). To sum up I am really excited about the project and can't wait to start coding my way through the summer.

Bio

I am a first year undergraduate student studying Computer Science and Engineering at the Indraprastha Institute of Information Technology, New Delhi(IIT-Delhi). I have been coding since Standard 11 and have developed a keen interest in Computer Science and I chose my major out of the love for Internet and programming. I've learnt programming languages in university courses like Python, C and Java.

Besides the programming languages I've learnt in the courses online, I HTML, javascript, PHP. Currently, I'm learning Django in my spare time. I have created a number of static websites for my school events

and clubs using Twitter Bootstrap. Previously made animations in JavaScript for my school's SUPW subject.