

# **PROPOSAL FOR Team T.L.**

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**3/15/2015 Team T.L.**

**T.L. Corps**

# **Teemo**

## **Problem Statement**

Teemo is a speech recognition and voice controlling software, written in Java using Sphinx4 as the speech recognition module and FreeTTS as the voice synthesizer. Teemo is designed mainly to run on raspbian on the raspberry pi, but will also work on any linux operating systems. The goal of Teemo is to create a voice commanding software for the general public that is widely accessible due to the cheap hardware requirements to use it. What you discover and accomplish within Teemo is an intuitive and effortless form of entertainment and relaxing experience.

## **Value Proposition**

Teemo is being created for those who want an effortless and intuitive access to a computer without the use of a mouse and keyboard. The goal is to allow the user to control their computer with their voice to allow for a passive experience. This new passive experience will allow users to more easily relax and alleviate the stress of having to manually do repetitive tasks. This software will be accessible for everyone that can speak English. With this large audience, Teemo has the potential to ignite a new form of effortless entertainment for the public to enjoy.

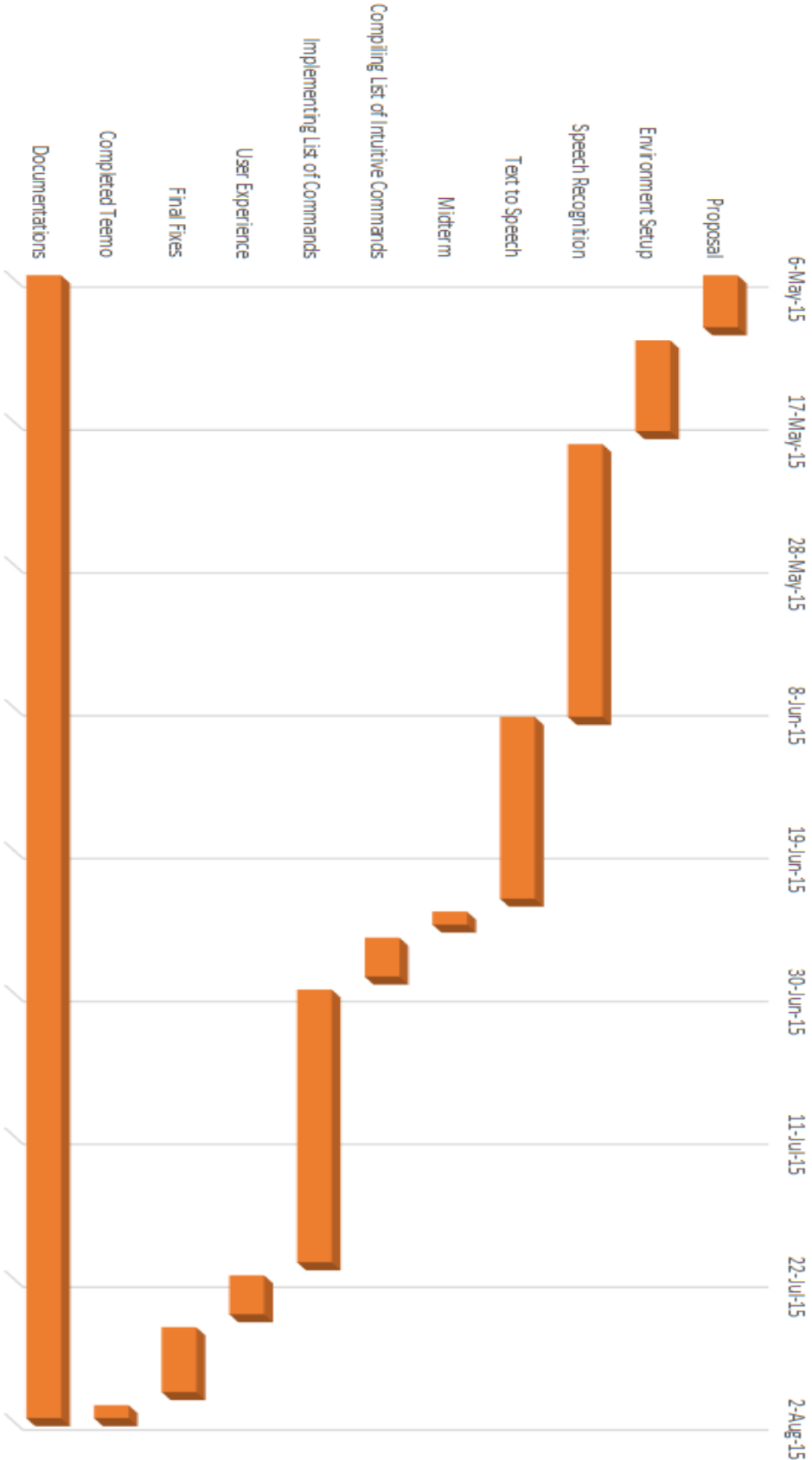
## **Communication Plan**

Constant communication will be achieved through texting as well as Facebook chat. To contact team members face-to-face, our group will have weekly meetings. All code and documentation will be pushed to Github for version control.

## Action Plan

Action	Persons Responsible	Time Frame
Environment Setup	All	1 Week
Speech Recognition	All	4 Weeks
Text to Speech	All	3 Weeks
Compiling list of intuitive Commands	All	2 Weeks
Implementing list of Commands	All	3-4 Weeks
Documentation	All	Forever
Testing	All	Forever
User Experience	All	Forever

Teemo Gantt Chart



Start Date	6-May-15	1-Aug-15	26-Jun-15	22-Jul-15	30-Jun-15	26-Jun-15	24-Jun-15	9-Jun-15	19-May-15	11-May-15	6-May-15
Duration	88	1	5	3	21	3	1	14	21	7	4