

SOFTWARE ENGINEERING

PROJECT PROPOSAL



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TITLE

A friendly web browser for the differently abled users of the internet.

DESCRIPTION

Everyday, differently abled users of the internet face a lot of problems while trying to use commonly used and popular browsers like Mozilla Firefox, Google Chrome etc. Their number is high and they need proper support mechanisms to access the internet. We intend to build a customized browser for the differently abled users of the internet. The idea is that firstly, the browser will test the abilities of the user by conducting various tests (for instance, audio tests to check deafness, visual tests for blindness etc.). On accurate determination, and then based on his/her capabilities, we can enable and disable(whatever is applicable) the required plugins/tools that will help the user navigate through the internet. We aim to enable the users to use the internet in a more user-friendly way and disseminate accessibility across different strata of the digital populace.

The project, use cases and the types of disabilities are inspired from
-<https://www.w3.org/WAI/intro/people-use-web/stories>.