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Software Quality

Project Proposal

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Our project proposal is about Brave which is a free and open source web browser. It was initially released in November 2019. Brave is a very basic web browser that allows users to visit websites, execute web apps, and view online content. It is free to download and use, remembers site authentication information, and can prohibit online advertisements from displaying on websites, much like other browsers.

There is one feature that it lacks. The brave are admirable, but there is one element that is missing: WhatsApp Web. If you look at other browsers, you'll notice that it has separate windows for WhatsApp Web. Which we can reduce and increase at any time. So, we believe that adding a sidebar for social media like Facebook, Instagram, and WhatsApp, will be one of the best browsers people have ever used!

There are these crypto spots built into the browser that People are not sure what they're for, but they can be irritating when they display on some websites to those people who don't have knowledge about crypto. So what we can do is make a choice for people that if they wish to use crypto browser they can use it, if not they can use it as the simple browser just as chrome or safari.

Another improvement that can be made is to optimize the RAM usage. From the experience of many users, it can be seen that many have the problem of losing speed and power of their laptop after leaving the browser open or just by opening too many tabs it will crash the operating system. This is a very bad downside of this user-friendly browser which we will consider improving. In order to do this improvement, we can use the memory management technique and since this program has been coded in C++, this will give us an opportunity to implement our idea.

In conclusion, we will consider other problems that this software has and try to improve them as much as we can in the time frame of this project. The Brave browser is user-friendly and we'll try to make it more easy and simple as much as we can for the people just joining it. Brave is a web browser that seeks to revolutionize the way advertising works on the internet by ensuring users' security and privacy without losing performance or features. As a result, Brave is a browser that allows you to support creators without worrying about being demonetized.