My Idea

My idea is to build a personal shopping assistant which can detect the product you are looking at and find the same product in different websites, sellers who may provide it for cheaper. It can also find the product just by taking a photo of it. It will also keep track of its price during the last few days and suggests if you should wait. It can also apply the best coupon if there are any available. It basically ensures you get the best price everytime. The hardest task - determining the same product in different websites can be achieved with machine learning and help from google.

Bringing it to life

For now, my project is only in the concept phase but it could be a game changer of ecommerce industry as every user will be aware of the best price. They will always get the best value. And the hardest task of it all - determining the same product on multiple websites can be simplified tremendously using machine learning and artificial intelligence. This would be in the form of a website and an app. On Device machine learning would make this accessible for a wide range of audiences, especially now that a growing number of people are getting into ecommerce even in rural areas. Google would be of a huge help developing this app because it is almost entirely dependent on machine learning and artificial intelligence. These are some of them listed here: 1. Finding the product in different websites, sellers
> *2. Tracking past prices*
> *3. Applying the best coupons*
> *4. Image search*

Timeline

Research -   January 1, 2020
API Implementation -   January 15, 2020
Machine learning models - March 10, 2020
UI, UX Design -   March 20, 2020
Website Development -   April 1, 2020
Bug fixes and polishing - April 10, 2020
Beta Release -   April 15, 2020
Final Release -   May 1, 2020

About me

Hello, My name is Chandan Kolaparthi. I am a student and game developer from India. I love making games in my free time. I have published some of them in play store. My goal is to contribute my part in making the world better.