This paper discuss web AR. It is a recent development in Mobile AR and It allows us to enjoy AR content through web browsers. Currently there are two dominant platforms in Mobile AR. The app based AR and Hardware bruid AR. The App-based AR is a low cost AR platform. The user can enjoy AR content in their Smartphone But user want to download multiple AR apps is their phone which affect their device performanco. Also smartphonos are amited in processing data and battery. The Hardwax. based AR is costly and lack flexibity. But It provides good AR experience because of The powerful hardware.

The web AR solves the above problems and It is moss-platform and light weight. The Introduction of 56s is also boosts the development of meb AR. The main technologies must enables may an enables may are mattered approaches in a web AR. web AR are are web Assembly, web workers, which for which is a web Assembly, web workers,

There are mainly two implementation approaches intor web AR.

- 1) Self contains d
- @ computation ontsonación.

In conself contained method, the task is executed on the mobile device locally. It is an offline approach. This method is leas depend on mobile network. So the method is leas depend on affected by me delay in prof performance is not affected by me delay in he twork. The main disadvantage is the Inefficient computation Capabilities of mobile devices.

Another method is computation outsourcy. It was the computing and storage capabilities of cloud severs. It is more dependent on the mobile network.

This paper also discuss various challenges in web AR like security, privacy, cost of maintains

Realis Role in Main project

we are developing a marker based Mobile AR application for students to visualize the content of the text book is 3D. The current network speed is not efficient for web AR implementation in our country. We hope that this situation changes with introduction of 56. So we plan to implement It in future.