As I was coding my assessment, when I finished one step I will use git to preserve   it . When I finished my work I will upload these to the Git Hub.

I think source control or version control is very important for individuals, When I am working alone, using source control is an excellent idea. in my opinion I think here are some good reasons why we should be using source control for pretty much everything, no matter how big we r team is.

Firstly, Even now I am a student and I am working alone. But in the future, I may not be. Or our little project might turn into a big project. If anything like that happens, being in the habit of using source-code control will stand us in good stead. In addition, understanding and using source control, particularly Git, is a must in today's world of software development.

Secondly, It can protect our project If we use a service like GitHub, whether via a public or a private repository, our code is backed up to a remote location.

Sure, we can zip it all up any time and store it on a thumb drive, but think about it we might be lost our USB flash disk

Finally , It's a good support when we attend a interview

Like me , A student, in the future, when I want to find a job. and When I attend an interview , when HR viewed my github , they will know what we have done, and what we can do.

This is also important for a company or one organization. When some new staff joined our team, when they viewed the code on git hub, they will know where we are. When we finished our work separately and we will merge them together, it's easy to find who made mistake, and it's easy for us to find it and correct it .

If version control is not used in the development team, multiple developers are jointly responsible for the development of the same software or document, each person has a backup of the entire software document on their own machine, and implements programming development on it, completing their respective tasks. After that, the different versions of the programs on the respective machines are integrated into one machine through the text comparison tool. Without version control or the version control itself lacks correct process management, many problems will be introduced in the software development process, such as software code consistency, software content redundancy, transactional software process, and concurrency in the software development process. security, the security of software source code, and the integration of software.

About how to optimize our app I think we have the following options

Initially, we can use a CDN to accelerate APIs, APIs are responsible for communicating and displaying information received from other applications. Anything that speeds up an API's process is a great thing, which is where content delivery networks or CDNs come in.

What's more, we can Optimize images The bigger the image, the slower it will load – and the slower we r app will operate while trying to display it. Properly optimizing our images ensures this load time is kept to a minimum.

Last but not least, we should Load data as we need it.If there are 10000 message in our data base, but we only render 20 pieces, because users only can see 20 pieces on their screen. Loading all of an app's data at once is a quick way to slow or even crash our app. Rather than processing large swathes of data at a time, we ought to consider using split-up assemblies to break the data down into easily retrievable chunks. This means we 're able to prioritize the most important functions of the app first, leaving less vital operations to load as needed.