

# Assignment 1

Name: Md Mahmudur Rahman

Email: [mdmahmudur\\_rahman@student.uml.edu](mailto:mdmahmudur_rahman@student.uml.edu)

1. Based on the reports of my classmates during our last class, I've got a new idea of creating a water quality monitoring app for mass people. Household water contamination with heavy metal is a common problem in most of the cities. With our app, people can connect a portable electric device to their smartphone and get the water contamination level themselves. We can collect that data and upload to the cloud.
2. They can search for alternating source of revenue. Two different tier of service, free and paid tier can be a solution. Only the power users must pay but most of the people can use the app for free.
3. My most favorite app for UI/UX is WhatsApp. I like the UI/UX of WhatsApp for it's simplicity. There are no complex features, tabs unlike Facebook messenger. Yet, WhatsApp is reliable for communication. Also, it's free if any ads.
4. The last class's discussion got me closer toward an app which is simple to use yet functional. I would like to pursue an app which and accommodate wide variety of users without losing its functionality. I want build an water quality monitoring app which can even be used by any elderly people.