

# CS 436 Project Initial Report

## **Github URL:**

<https://github.com/emirasal/CS-436-Project>

## **Group Members:**

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In our cloud project, we will be designing a custom personal cloud file system similar to Google Drive and Dropbox. The system comprises two key components: a virtual machine dedicated to hosting the web interface containing a login and register system. User traffic will be handled by this machine. Another virtual machine solely focused on database storage which will contain the files that are uploaded by users. This machine will contain very high storage capacity and it will only talk to the web server. This architecture optimizes resource allocation, enhances system reliability, and creates a user-friendly cloud storage solution. By splitting things up like this, we're making sure we use our resources wisely. It also makes the system more dependable because if one part has a hiccup, it won't affect everything else. And most importantly, it gives you a hassle-free way to keep your stuff safe in the cloud.