Enterprise Architecture Description

**Overview:**

The enterprise architecture of this solution consists of a user utilizing their iPhone to access all the features of the application. Certain inputs by the user will generate outputs such as a Digital Identity score, grades, and percentile ranks. The application is hosted on Google’s Firebase platform to manage the server, database, authentication, and analytics.

**Process:**

1. The user installs an application and opens it, which results in the application to go through the firewall and network backbone.
2. The user logs into social media accounts in the cloud using Google Base’s Authentication capability.
3. Certain data is collected and stored inside the NoSQL database.
4. Firebase Server connects to IBM Watson in the cloud to analyze the content of a user’s social media accounts.
5. Firebase Analytics is used to summarize the analyzed data.
6. Summaries and reports are sent to the user’s My.DI application.

