**Use Case 1: Access the Cloud**

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| Use Case Element | The user of the application accesses the cloud hosting the application. |
| Use Case Number | 1 |
| Application | This function relates to the cloud server. |
| Use Case Name | Access Cloud |
| Use Case Description | The intended user of the application is about to access the application, while the application begins running, the user must connect to the cloud running the application from their mobile device. |
| Primary Actor | The user who is trying to access the application. |
| Precondition | 1. The user must have access to an internet service. 2. The user must be logged in to the application. |
| Trigger | The user logging in to the application. |
| Basic Flow | 1. The user logs into the application. 2. The application sends the users details via HTTP to the cloud server hosting the application. 3. The cloud server processes and sends off the user information to the server logs table. 4. The server logs table stores the user data. 5. The cloud server sends the access permissions to the user’s device via HTTP. 6. The user can now access the services provided by the application.   The basic flow should be the events of the use case when everything is perfect; there are no errors, no exceptions. This is the "happy day scenario". The exceptions will be handled in the "Alternate Flows" section. |
| Alternate Flows | 1. The user enters incorrect details and is unable to log into the application. 2. The cloud server is unavailable due to technical issues, therefore now services can be provided to the user. |

Use Case: Access Cloud

User Log

Cloud Server

User

Send Services

Store Data

HTTP Data