**Work Overview**

**USER IDENTITY = IAM**

**Application**

**AWS Data Lake: County will be picked by URL in the UK – The data lake will be specific to every county.**

**Ejabberd = Chat Server**

**Accounts:**

**User Accounts: only Name will be required that will create an email address for the user in SES and will link all the folders with the email in AWS.**

* **User will see different dashboard**
* **Location is the main aspect of the user**
* **User Activities analytics**
* **User subscription management**

**Business Accounts:**

* **Business Name, User Name**
* **Location : will be tracked live**
* **Business name email will be created in the SES**
* **Linking the folder with the email.**
* **Business will see different Dashboard**

**S3 Folders for Region, users**

**Email; Each user will have an email and the folder will be linked to his email of SES.**

**USER Folder =**

**Every user will have its folder in AWS and the folder will be defined as**

* **Sub folders = (Posts) (chats) ( Document) ( Photos) ( Education) (Health)**
* **Apache spark to show user analytics real time**
* **Bring in user data from public sources**

**Chat:**

* **User will be able to chat with the business in real time**

USER POST:

* User will be able to post, based on the post with a category it shows them the bidders
* User will be able to chat with the bidder
* Showing local businesses to the user posts.