This is just a reminder to summarize what this project is:

1) Provide a description of the application you will be developing

***What it is:* Web Backend App**

***App Name*: Address Finder App**

I am betting all my coins on this proposal. This whole process explained below will help me create my Address Finder App. I am thinking about creating a web-backend application based on servlet.

It will receive interactions from a client through http protocol targeting mapped servlets. The client will send requests to the backend app zip code and address information from USPS API.

The USPS returns a xml file that will be transformed to JSON format and sent back to the client.

For a valid interaction with the servlet app, the hibernate will save a registry in the database and this information can be queried later in the process.

Information retrieved from the database can be placed in a collection and transformed into JSON in case the client wants to access it.

***What it isn’t: Android Application***

For all I have watched and read about creating an application using Android software development, I can claim that I don’t have conditions do create anything related to Android now. I have given my best in this class and I really pray that you can accept this proposal without using Android.

2) What topics you will be integrating into the application?

**Servlets** – I will use them for the server side.

**MVC** – It will be used along with hibernate (MySQL database).

**Hibernate** – It will input information transacted in the database.

**Collections** – It will be used to data pulling from the Database.

**HTTP/URL** – it will be used for requests made to USPS API.

**ACP** – It will work with the Client

**JSON** – it will use the client to interpret responses from the backend application

**JUnit** – It will test client operations and backend methods.

**Threads** – It can be executed by the Client with multithread support.

**\* System Tests**, **Use Case Diagram**, **Use Case Document**, **State** **Diagram**, and **Sequence Diagram** will be part of the documentation of the application.