Advanced Software Engineering

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Crime rate Analysis

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**09/10/2019**

**Plan to follow for the development of the project.**

**DONE BY ROD**

1. Finalizing Data Set for our project. **(09/21/2019)**  
   We have found 2 promising datasets, but since both are different and each has its own constraints, we are working on which one to finalize as our final dataset! We might even take common fields and join them both together!  
   **City-Data** and **Open Data KC**

**DONE BY TEAM**

1. Choosing what output should be generated by our model! Our model can either be a classification model or a regression prediction model! We can turn our regression into classification based on thresholding the output! **(10/05/2019)**

**DONE BY SHAH RUKH**

1. Generating a Deep learning model and training the model on the data at hand and then generating output and getting an acceptable accuracy! **(10/25/2019)**We can also use one of the already existing models of Torch Vision but it would be interesting to create our own **multi layered model** and train that!

**DONE BY AWAIS**

1. Using Flask to Visualize the output on a website! **(11/05/2019)**We might use **Ionic** to generate a mobile application to visualize the application on mobile phone platforms too!

**DONE BY TEAM**

1. Giving it final touches to enhance the UI. **(11/20/2019)**