**Work Project Plan INFM600**

**Draft of research questions:**

1. Find the correlation between Income Inequality Gini Coefficients vs Energy Consumption Gini Coefficients.
2. Find the world trend between energy consumption and GDP.

**Timeline for project completion:**

Week 6 - Finding additional data sets for our research questions.  
Week 7 - Synchronizing the format of all the data sets and joining them. Start preparation of the text description of the data sources. Identify license constraints  
Week 8 - Identify potential issues with data regarding missing values, format mismatch etc. Document the rationale behind the steps taken to remediate the data.  
Week 9 - Start documenting the data cleaning process  
Week 10 - Meet the professor and discuss the project progress.

Week 11 - Work on the feedback. Start preparation on R scripts.  
Week 12 - Finalize R script draft and submit them. Start preparation on R plots.  
Week 13 - Submit R plot daft. Start preparation for the presentation.  
Week 14 - Work on the presentation. Explore extra credit questions.   
Week 15 - Finalize presentation and Git packages.

**Project effort allocation:**  
All tasks form week 6 to week 15 will be equally allocated and participated by all team members. We plan to meet regularly as a group to meet the project deliverables and hatch out any additional project details.

Data finding cleanup and will be done by all team members.

Jean-Paul and Zhenye will learn to manipulate R software as we move on with the timeline as Naveen already has some knowledge on how to use the software.

**Target audience:**

Economists, Government agencies that legislate and implement energy policies. Environmental activists and government agencies responsible for environmental protection (like EPA in the US).

Word Count: 279