**Work Project Plan INFM600**

**Draft of research questions:**

1. Find the global and regional trends in energy supply and consumption.
2. Find the correlation between Income Inequality Gini Coefficients vs Energy Consumption Gini Coefficients.
3. 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