PROJECT PROPOSAL

**TEAM NAME: SW\_2016**

**TEAM MEMBERS: INDHUMADHI SURYANARAYANAN**

**SINDHUJAA RANGANATHAN CHANDRA BABU**

**TYPE OF PROJECT: LOGD Project**

**PROJECT TITLE: Bank Activities and Fails.**

**PROPOSAL 1:**

**DATASETS USED:**

**ID: 1193**

**TRIPLES COUNT: 331**

**PUBLISHER:** Department of the Treasury

**DETAILS:** The OCC's quarterly report on bank derivatives activities and trading revenues is based on Call Report information provided by all insured U.S. commercial banks and trust companies, as well as on other published financial data.

**ID: 1374**

**TRIPLES COUNT: 1,826**

**PUBLISHER:** Federal Deposit Insurance Corporation

**DETAILS:** The FDIC is often appointed as receiver for failed banks. This list includes banks which have failed since October 1, 2000.

**PROPOSAL 2:**

**DATASETS USED:**

**ID: 1610**

**TRIPLES COUNT: 16,134**

**PUBLISHER:** Department of Defense

**DETAILS:**  Number of Service members by Gender, Race, Branch, Race sex

**ID: 1425**

**TRIPLES COUNT: 3,379,152**

**PUBISHER:** Department of Agriculture

**DETAILS:** 2007 Census of Agriculture Race, Ethnicity, and Gender Profiles contain county level census data presented by the race, ethnicity, and gender of farm operators. These profiles provide an easily referenced snapshot of U.S. county farm demographics and provide increased insight into understanding rural America.

**FINALISING ON THE PROPOSAL:**

PROPOSAL 1 has been finalized. Since both the datasets have banking as their domains, more information could be retrieved based on the different activities of the banks. More details on why PROPOSAL 1 was the preferred one will be clear on looking into the EXPECTED RESULTS section.

Reason for not considering proposal 2:

We had come up with the idea to compare the number of service members to the farm operators based on a particular gender, and finally conclude the relation between genders to the type of occupation one prefers. This census may be useful for the Government to spread awareness to develop interest over the minority occupation for that particular gender so that no options are neglected while choosing an occupation.

But we realized that this has its flaws as one dataset is specific to a single year and the other is distributed over random years because of which the model results may not be accurate based on the consolidated statistics.

**EXPECTED RESULTS:**

The graphs that are derived based on the datasets are capable of showing the following statistics:

* Whether a failed bank has any connectivity between its failure and derivatives and trading activities.
* The states with the highest number of failed banks and highest trade revenue could be compared to determine a trend whether any state specific rules act as a catalyst in producing those numbers.
* Determine the rank of a bank before its failure.