(10 points total )

**Title:**

**Group members:**

**Introduction**:

\*What is the project trying to accomplish, give a brief overview of what the main problem is and why it is useful to investigate this problem.

**Objective**:

\*What, specifically, do you propose to do ?

\* How is success defined ?

**Background summary**:

\*What has already been done in this area?

\*Are you extending existing work or applying standard techniques to a data set ? Either approach is valid, but need to be clear on what will be done.

**Initial approach**:

\* What techniques will you begin with, how will you determine if your approach is working well ?

\* Are there existing software libraries you plan to use or do you need to design and code an algorithm ?

\* Are there any problems or limitations you are aware of now ? How would you work around any expected problems?

\* If there are multiple members in this project, briefly describe what each team member will work on

**Literature review:**

**\***Provide at least four (4) references. At least two (2) of the references must be academic papers or technical reports. Two may be taken from Internet sites or more general information papers or articles or tutorials.

**Data sources**:

\* What data will you use

\* Is there a sufficient amount of data ?

\* Will you need to pre-process or transform you data in any way ?