**Day 1 Project report**

**Project name:** Health care

**Group:** Team B

**Team leader:** Achintharya A Patil

**Members:**

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| **Task/Problem statement** | **Name** |
| 1 | Achintharya |
| 4 | Kapil |
| 2 | Aryan Naik |
| 3 | Ardhendu Debnath |

**Objective:** The task involves cleaning the 2011 census data for the healthcare department. This includes removing irrelevant information, standardizing nomenclature, accommodating new states and Union Territories formed post-2011, and filling in missing data values using information from other fields. These efforts aim to produce a clean dataset suitable for analysis and decision-making within the healthcare department.

Problem Statement 1: (Keep the relevant data)

Problem Statement 2: (Rename the Column names)

Problem Statement 3: (Rename State/UT Names)

Problem Statement 4: (New State/UT formation)

**Processes done:**

1. Loaded dataset using pandas.
2. Selected required columns.
3. Renamed columns.
4. Set names to uppercase for first character only or all lowercase for all if there is an “and” in the name.
5. Renamed State/UT to match latest demographic data (e.g. new state/UT)

**Outcome:** Clean 2011 census data including only relevant data with up-to-date details/names and standard nomenclature.