# Initial Domain model for the Project.
**JOY IKE**
**SUNDUS ISHAQUE**

Using a textual analysis , we follow the steps below:
From the Feature requirements and Use Cases of the Spreadsheet project, we get:

## List of Nouns:
- Cells
- Values - Numerical values, Text, Formulas
- Spreadsheet file
- Arguments - Range, Cell ID
- Location - Local, Internet
- Message
- Console

## Relationships between nouns:
1. A cell is in a spreadsheet file.
2. A cell may contain values.
3. A cell has a Cell ID.
4. Numeric values, text and formula are subclasses of Value.
5. Values can be generated from arguments.
6. Values are stored in a cell.
7. Values are shown as a message on the console.
8. Spreadsheet file contains Cells.
9. Spreadsheet files are stored in Locations.
10. Arguments are used in Formulas.
11. Local and Online are subsets of Location.
12. Message are displayed in the Console.

**Initial Domain Model:**

are in

Cell

1...*

can be found in

Spreadsheet file

1...*

are found in

are shown as

1...*

Value

points to

1

Argument

1

1...*

are used in

Location

1...*

Numerical

Text

Formula

Range

Cell ID

Local

Online

Message

1...*

are displayed in

Console