# The project will be broken down into 3 parts:

1) Database

2) Interface

3) Algorithm

# For the database:

## The Topics table

Contains information about the topics

## The Tuples table

Contains information about the tuples

> The "Tuple Type" refers to either:

True or False

Multiple Choice

Ordinary

Containing Sub Tuples

## The Weights table

Contains information about the weights of each tuple

> The "Weight ID" and "Tuple ID" are both primary keys allowing for flexibility:

The "Weight" refers to the value given (0.1, 0.2... 1.0)

The "Type Number" refers to the term we are speaking of

For example:

If the "Tuple Type" is Boolean

> "Type Number" = 0 -> False

> "Type Number" = 1 -> True

If the "Tuple Type" is Multiple Choice

> "Type Number" = 0 -> First Choice

> "Type Number" = 1 -> Second Choice

.......

.......

# For the interface:

## The Tuples Class

Will take information of each tuple and its parent topic. In addition it’s type and values mirror the one’s in the database.