School of Engineering and Applied Science (SEAS), Ahmedabad University

B.Tech(CSE) Semester IV: Probability and Stochastic Processes (MAT 277)

- Group No : BB14

- Group Members :

- Project Title:

1 Justify how probabilistic model/PSP concept is used in your project. How uncertainty is modeled?

The objective of this project was to estimate the number of live births and fetal losses could occur in a given span of time. In order to do this, we have used probability concepts like Binomial theorem, Multinomial theorem, probability distribution functions, cumulative distribution functions and Poisson Distribution.

Uncertainties

Modeling of physical/real-time uncertain Problem, Study of any existing probability based models etc., Include Block/State diagram (Optional)

2 Clearly enlist the new things done in the coding part, excluding the shared code. [If no new code is written/added/modified, then please write NA]

1. Mention code change-1

2. Mention code change-2

3 Contribution of team members

3.1 Technical contribution of all team members

Enlist the technical contribution of members in the table. Redefine the tasks (e.g Task-1 as simulation of fig.1 and so on)

Tasks	Team member 1	Team member 2	Team member 3	Team member 4	Team member 5
Task-1					
Task-2					
Task-3					

3.2 Non-Technical contribution of all team members

Enlist the non-technical contribution of members in the table. Redefine the tasks (e.g Task-1 as report writing etc.)

Tasks	Team member 1	Team member 2	Team member 3	Team member 4	Team member 5
Task-1					
Task-2					
Task-3					

4 Any innovation done considering the society/neighborhood problem?

5 Enumerate the inferences derived from user-centric perspective.

1. Derived inference-1 from the work.

2. Derived inference-2 from the work.

Submission checklist for uploading on Google Drive

This section provides the submission checklist for smooth and efficient submission process. (This is for your reference and please remove this while writing your report).

- Soft copy of this project Report

- Soft copy of Concept Map 1

- Soft copy of base article

- Soft copy of hand written analysis (Optional)

- Folder of matlab codes (with proper naming)

- Folder of reproduced results and new results both in .fig and .jpg formats

- latex (.tex) file of the project report.