PES UNIVERSITY

PES UNIVERSITY RR CAMPUS

SOFTWARE ENGINEERING

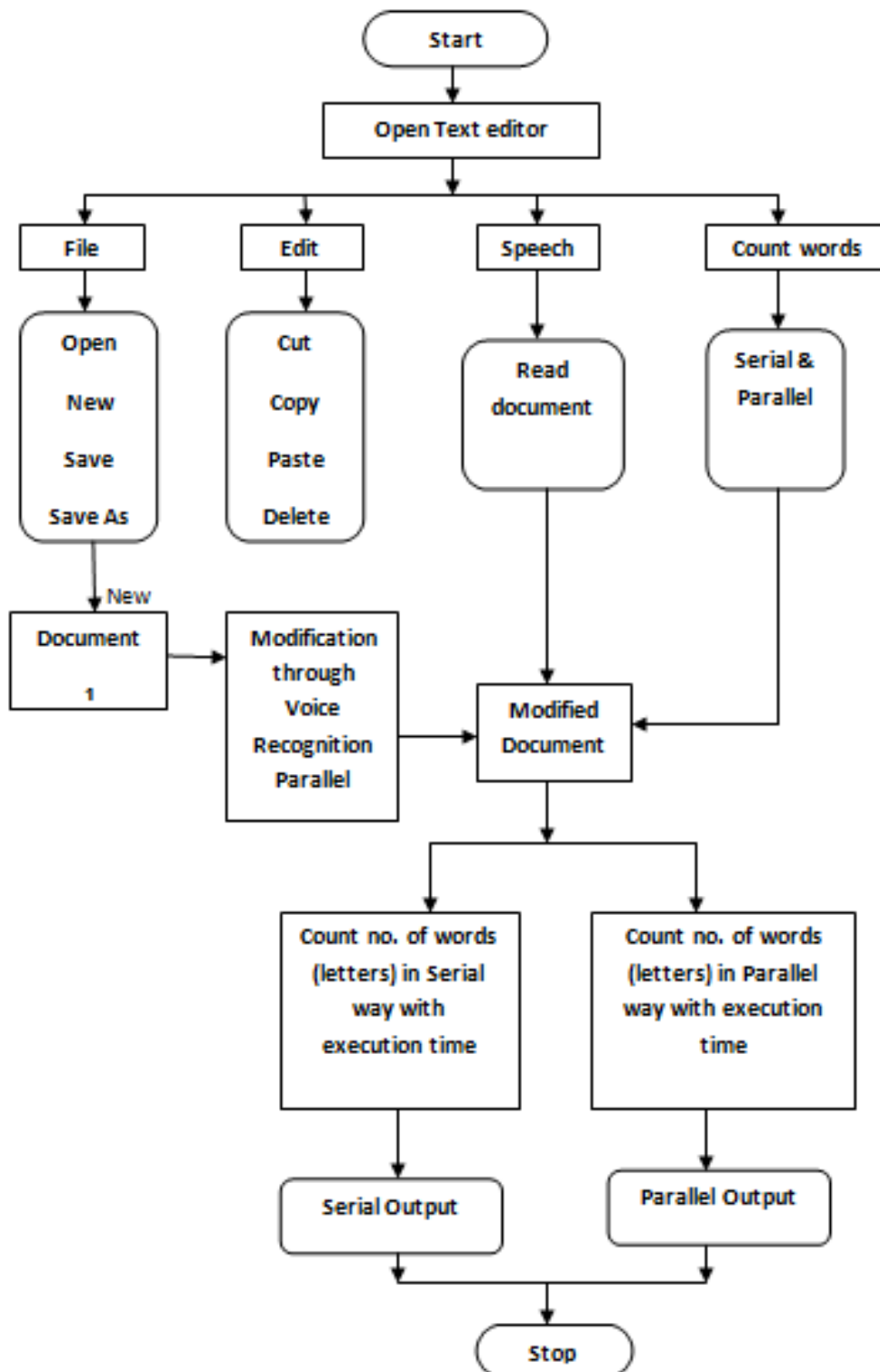# UE20CS303

PROJECT TEAM PR_6

SECTION : 'F'

TOPIC   : ADVANCED TEXT EDITOR PYTHON

TEAM MEMBERS :

S/N	NAME	SRN
1	RAHUL ROSHAN G	PES1UG20CS320
2	ROHAN C	PES1UG20CS345
3	ROHIT ROSHAN	PES1UG20CS355
4	S M SUTHARSAN RAJ	PES1UG20CS362

TASK-4: Design Diagram

```
                              ┌─────────────┐
                              │    Start    │
                              └──────┬──────┘
                                     ▼
                          ┌────────────────────┐
                          │  Open Text editor  │
                          └─────────┬──────────┘
                                    │
        ┌───────────┬───────────────┼───────────────┬───────────┐
        ▼           ▼               ▼               ▼
   ┌────────┐  ┌────────┐      ┌────────┐     ┌─────────────┐
   │  File  │  │  Edit  │      │ Speech │     │ Count words │
   └───┬────┘  └───┬────┘      └───┬────┘     └──────┬──────┘
       ▼           ▼               ▼                  ▼
   ┌────────┐  ┌────────┐     ┌──────────┐     ┌───────────┐
   │  Open  │  │  Cut   │     │   Read   │     │ Serial &  │
   │  New   │  │  Copy  │     │ document │     │ Parallel  │
   │  Save  │  │  Paste │     └──────────┘     └───────────┘
   │ Save As│  │ Delete │
   └───┬────┘  └────────┘
       │ New
       ▼
  ┌──────────┐   ┌──────────────┐   ┌───────────┐
  │ Document │──▶│ Modification │──▶│ Modified  │
  │    1     │   │   through    │   │ Document  │
  └──────────┘   │    Voice     │   └─────┬─────┘
                 │ Recognition  │
                 │   Parallel   │
                 └──────────────┘
```

Count no. of words (letters) in Serial way with execution time

Count no. of words (letters) in Parallel way with execution time

Serial Output

Parallel Output

Stop

TASK-4: Architectural Design/UML Diagram