## Students' Self Declaration for Open Source libraries and other source code usage in Minor Project

| I/We.    | hereby declare the following usage of the open source co           | de and pre | built libraries |
|----------|--|------------|-----------------|
| in our   | minor project inSemester with the consent of our supervisor.       | We also    | measure the     |
| similari | ty percentage of pre written source code and our source code and t | the same   | is mentioned    |
| below.   | This measurement is true with best of our knowledge and abilities. |            |                 |

- 1. List of pre build libraries
  - a. Flask
  - b. Pandas
  - c. IO
  - d. Networkx
  - e. Community
  - f. Random
  - g. Plotly
- 2. List of pre build features in libraries or in source code.
  - a. Flask
  - b. Request
  - c. Render\_template
  - d. Redirect
  - e. Url\_for
  - f. StringIO
- 3. Percentage of pre written source code and source written by us.
  - a. The interactive background for the webapp page is taken from codepen, a part of ParticleJs.

| Student ID | Student Name | Student signature |
|------------|--------------|-------------------|
| 21103005   | Aranya Maji  |                   |
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| Declaration by Supervisor (To be filled by Supervisor only) |
|---|
| I,  |
| (Any Remarks by Supervisor)                                 |
| Signature (Supervisor)                                      |