Cairo University
Faculty of Computers and Information
Department of Computer Sciences

Project Title

Supervised by
Dr. Doctor Name
TA. TA Name

Implemented by

1st Student ID	*1st Student Name*
2nd Student ID	*2nd Student Name*
3rd Student ID	*3rd Student Name*
4th Student ID	*4th Student Name*
5th Student ID	*5th Student Name*

Graduation Project
Academic Year 2018-2019
Midyear Short Documentation

Project Short Documentation

General Guidelines:

- The cover page should be as the previous page.
- The overall document should not exceed 15 pages.
- Font in the overall document should be consistent in family and size.
- Diagrams and images should be captured with high resolution.
- Sections and subsections should have meaningful titles and should be correctly numbered.
- <u>The document should include the following content:</u>

  1. **Abstract:**

     It contains around 300 to 400 words that describe the existing problem, your motivation to solve it, and the tools you are using to implement that solution. In case you are working on a research problem, you should clearly state the research question you are going to answer.

  2. **Background** (introduction to the main area of the projects, motivation, beneficiary, main techniques, main application)

  3. **Problem definition**

  4. **Related work**:
     - The existing similar implementations to the idea of your project, if any, and
     - The main differences between them and your project

  5. **Project specifications**
     - In case you are working on an Application Development, your documentation should include the following:
       - System architecture
       - Stakeholders
       - Functional Requirements
       - Non-functional Requirements
       - Use-case Diagram
       - Sample Use-cases
       - Class Diagram
       - Sequence Diagram
       - Entity Relationship Diagram (ERD) for your Database (if any)

- In case you are solving a research problem in some filed (such as machine learning, natural language processing or bioinformatics), your documentation should clearly state the following:
  - The experimental **datasets** you are attempting.
  - A block diagram, a flowchart, and/or a pseudocode of the proposed system/framework/technique/algorithm/methodology.
  - The format of the system's inputs/outputs.
  - The results of some prototype implementations of the small modules in your system, if any.
  - The technical/financial/computational obstacles you are facing and how you are planning to overcome them.
  - References to research articles talking about your research point.

6. **Work Plan**:

   In the following table, you should list everything you have done and are planning to do in order to finish your graduation project (overall plan of the project (**Gantt chart**). This includes the survey you have conducted to determine your project idea, the technologies you have learned or you are planning to learn to help you implement your project. It also includes the analysis and design of your system, its database analysis, and the already implemented parts, the testing effort, and the documentation.

Task	Task Title	Description	Task status (completed/expected in time)
1			
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