

Diploma Project Academic Year 2019/2020

Project code: 201903

Project Title (English):

***EGYPT toward Digital Transformation:
Technologies and Services***

Project Title (Arabic):

مصر نحو التحول الرقمي: التقنيات والخدمات

Project Advisor:

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Project Objectives:

Digital transformation (DX) is the usage of Information and Communication Technologies (ICT) to manage business, activities and services, also to process and analyze data, in a secure environment.

The benefits of digital transformation include reduced costs, improved productivity, and creation of new value for consumers and shareholders.

Egyptian Government gives DX more interesting in 2030 strategy to develop Smart government services and Smart Society Services.

This project focus on how to apply DX and Smart Cities in the Egyptian Society by using of modern Technologies like: **Internet of Things**, Mobile Smart phones and its networks, Artificial Intelligence, Cloud Computing, Broadband Connectivity, and Security.

Project Outcomes:

After complete this project, the studies will be familiar with:

- Digital Transformation concepts
- Egyptian Digital Transformation Strategic Plan.
- Digital Transformation enabling Technologies (**Internet of Things, Artificial Intelligence, Cloud Computing, Connectivity,.....**).
- Digital Transformation and Smart Cities services
- Design one of suitable Digital Transformation Services for Egyptian Society