computer science-software engineering diploma

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***Project idea:***

A software development company is a company that aim to provide a various products of software systems that helps user to start business , accomplish tasks and entertainment and ensure that the user is experience the wanted software system   
examples of these software are

* Sentiment analysis for product rating.
* Fingerprint-based ATM system.
* Advanced employee management system.
* Image encryption using AES algorithm.

***Project requirements :***

1. Evaluate requirements: in this phase the requirement engineer asks the user what functionally does he want the system to contain
2. Design : in this phase developers and technical architects start the high-level design of the software and system to be able to deliver each requirement.
3. Research and development : this phase is responsible for the implementation and coding of the system .
4. Testing : in this phase the developers find out whether their code and programming work according to customer requirements or not .

