Business Process Management, Data and Process Modeling

	Preliminary Analysis	System Analysis	System Design	Programming	Testing	Implementation	Maintenance
Customer	Identify Problem						Return Solution
Business Analyst		Identify Requirements → Identify New Requiremtns					←Yes— Add Features (No↑ to Return Solution)
Architect			Design UI/UX				No
Developer				Develop Requirements ←Yes—			Fix bugs / Identify Bugs
Tester					Test Requirements → Test Non-Functional Requirements		
Application Deployer						Install System	

Thought process:

      Firstly, in the preliminary analysis, the customer would identify the problem that they are looking to solve. Next, the business analyst would develop the set of requirements for the software that would be done in the system analysis. The Architect would then develop the blueprints for the software in the system design stage. The developer would develop the code based on the requirements in the programming stage. The software tester would then test all requirements, functional and non-functional in the testing stage. The application deployer would install the system in the implementation stage. Next, I thought it be best for the software developer to identify the bugs in the software because they would know the code best. The business analyst would decide if the features are worth adding , if they are, then new requirements would need to be made. Lastly, if no bugs need fixing and no features should be added, then the solution is provided to the customer.