

Software Development Team



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Software Development Team



- A software development team is typically composed of the following people:
 - Project Manager
 - Team Leader
 - Business Analyst
 - Developer/Programmer/Software Engineer/Software Architect
 - Designer
 - Quality Assurance/Tester

Project Manager



- Setup administrative direction for the project
- Lays out the initial scheduling and project goals
- Listens to feedback from end users and Business Analyst
- Setup project meetings and resources
- Determines project scope

Team Leader



- Leads the developer in creating a module, software or application.
- Coordinates in other team leaders and with the project manager.
- Key point personnel in the managing the pacing of the team in terms of development.
- Suggests and/or decides on the implementation to be used as well as the choice of technology.

Business Analyst



- Examines the existing or ideal organization and design of systems including businesses, departments and organizations
- May conduct a gap analysis
- Advises on areas that might be optimized or improved
- Begins to work out a project strategy

Developer



- Creates and implements a set of programs needed for the software.
- Creates strategies in the implementation of solutions at different levels of system abstraction and technology used.

Designer



- Responsible for the look and feel of the application based on the team feedback
- Establish technologies and standards used for the design
- Create mock ups for review by the team

QA/Tester



- Ensures that the application/software behaves properly on a combination of input and scenarios.
- Provides test cases to mimic realistic usage of the software.
- Provides comments for improvements

References



- **Fred Quimpo.** copy-of-roles-and-responsibilities-in-software-development. Prezi Slide.
- **Pressman, Roger S.** Software Engineering: A Practioner'sApproach (7th ed).
- **Saleh, Kassem A.** Software Engineering. J Ross Publishing. ISBN-13: 978-981-3419-27-0. 2009 Philippine reprint 2010, Cengage Learning Asia Pte Ltd
- **Sommerville, Ian.** Software Engineering (9th ed).