**Case Scenario: Software Development Life Cycle (SDLC) Process**

SDLC a term used in systems engineering, information systems and software engineering to describe a process for planning, creating, testing, and deploying an information system. Planning process consists of a project charter, which includes project stakeholders and project cost estimation. Project management plans are the details related to milestones that are needed to be achieved in the project. Requirement gathering comes after management plans preparation, where a Business Analyst (BA) collects and crafts a logical model of the functional as well as non-functional requirements. After approval from the customer, design phase starts; this constitutes logical designing of the product. In construction phase, the main role is played by manager, customer, and the developer. During and after the development process, the product needs to be tested on various constraints. Beta testing is performed at customer’s end and bugs as reported by the same will get removed prior to the final release.

Hyperlinks referred for understanding the above given scenario and for generating its activity diagram using Rational Software Architect (RSA) tool are as given below:

1. <https://www.tutorialspoint.com/sdlc/sdlc_overview.htm>
2. <http://www.testingexcellence.com/software-development-life-cycle-sdlc-phases/>
3. <http://istqbexamcertification.com/what-are-the-software-development-life-cycle-sdlc-phases/>