Course Name	**Fundamentals of Requirement Analysis & Management using IBM Rational**
Course Duration	50 Hours
About the Technology	With a proper requirements definition and management solution implementation, project overruns can be reduced by up to 20%, development costs by up to 57%, time to market can be accelerated by up to 20% and the cost of quality lowered by up to 69%. IBM® Rational® requirements management solutions offer best practices in requirements management and definition, saving organizations large amounts of time and money. They help improve collaboration with stakeholders to eliminate inaccurate, incomplete, and omitted requirements. This helps reduce the amount of rework and accelerate time to market. Requirements management helps to increase predictability by controlling and managing changes to requirements, while minimizing cost and risk by allowing teams to assess the impact of changes before they are implemented. IBM Rational requirements management solutions help teams to demonstrate compliance by providing full traceability between requirements and design artifacts.
About the course	This course designed to teach analysts and engineers how to use IBM Rational Requirements Composer to create, analyze, and manage both visual and textual requirement artifacts and requirements and provides instruction on the use of IBM® Rational® RequisitePro®, a tool for capturing and managing requirements for a project. Students gain an understanding of RequisitePro project structure and use the tool to apply software development best practices. The computer labs guide students through building and adding data to a class project within the context of a controlled requirements management process. The labs completed in class focus on applying RequisitePro in a work environment.
Audience	This instructor-led, classroom course is intended for the following audience: - Students - Analysts - Project managers - IT managers - Process engineers - Developers - User experience engineers - Quality assurance team - Technical writers - Architects Students of - Engineering (CS, IT) - MCA

Pre-Requisites	To benefit from this course, participants should have the following skills or experience: - Have some experience designing Java solutions
Contents	This course covers the following topics: • Create documents and requirements • Use a glossary • Sketch a business process • Link requirements artifacts • Create a use-case diagram and use-case specification • Create an artifact template • Create a pre-defined report • Create a user interface sketch, a user interface part, and a storyboard • Analyze requirements using: attributes, attribute groups, tags, and filters • Organize requirements and artifacts, and track changes using collections and snapshots • Collaborate with stakeholders on requirements using comments, reviews and approvals • Describe the Rational Requirements Composer integrations • Introduce requirements management and RequisitePro • Establish a RequisitePro project • Gather and enter requirements • RequisitePro documents and offline authoring • Views, traceability, metrics, and RequisitePro Baseline Manager • Revision notification and group discussions