

# Software Project Management

**Instructor: Ahmed Abbas**

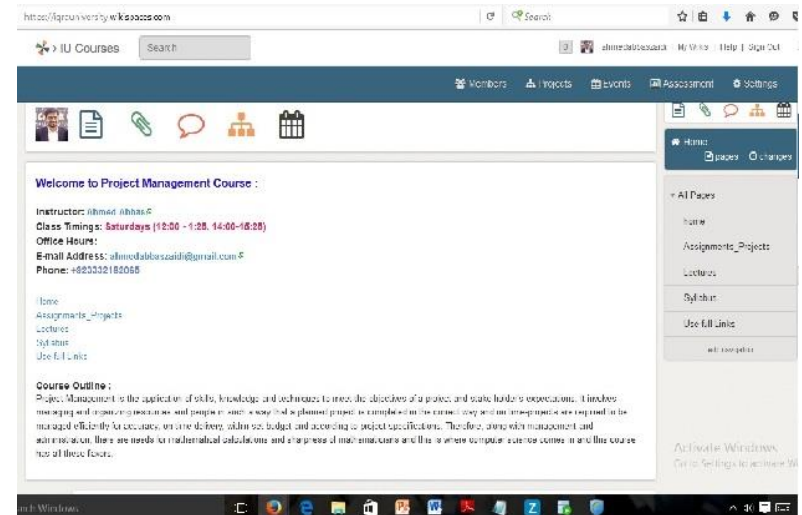
**Fall 2017**

**IQRA UNIVERSITY**

**IU**

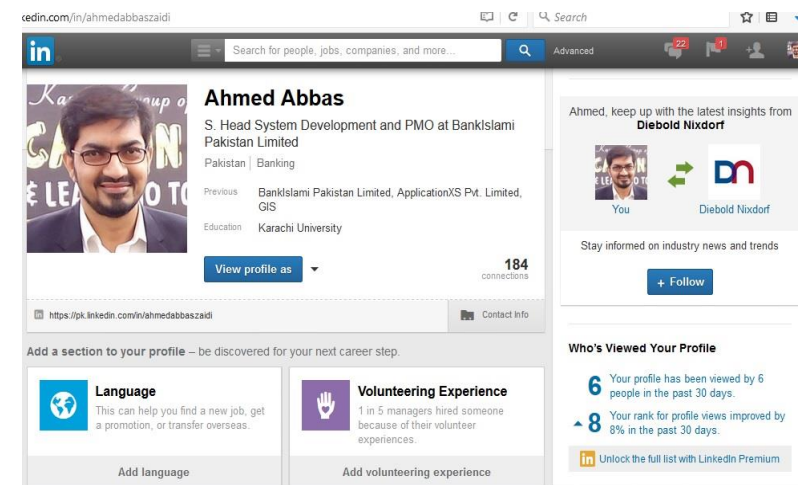
- **Web access of course material:**

[.PM1.wikispaces.com/](https://www.wikispaces.com/PM1)



- **Teacher Introduction:**

Linked In Profile: <https://www.linkedin.com/in/ahmedabbaszaidi>

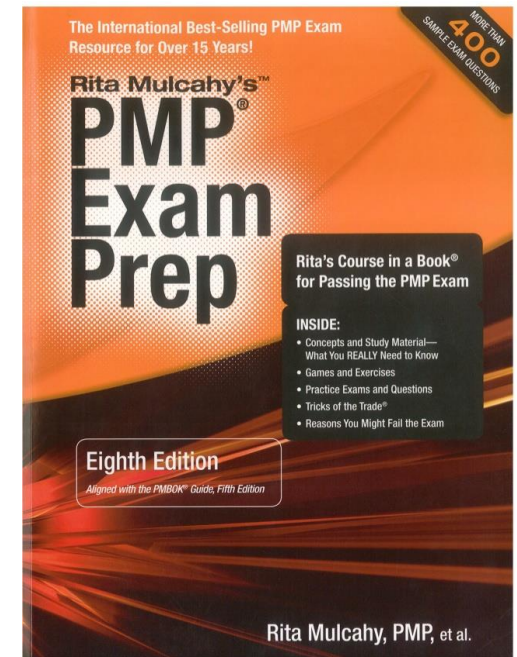


- **Core Text Book:**

## **PMP Exam Prep**

**Author:** Rita Mulcahy's

**Edition Year:** 2016, Eighth Edition



- **Reference Books:**

1. A Guide to the Project Management Book of Knowledge (PMBOK®), Fifth Edition, Project Management Institute (PMI), Copyright 2013
2. Project Management Professional Study Guide 3rd Edition, Kim Heldman, Wiley Publishing

## Goals and Organization of the Book

A Process and Knowledge Area based approach. Book divided in Project Management framework and Processes.

We will get some topics from **PMBOK** to streamline the Project Management Framework with Software Project Management

# Tools :

Following tools will be explored in detail. (<http://www.talaia-openppm.com/>)

## 1. Open PPM : Open source product for management of a PMO house.

The screenshot displays the Open PPM web application interface. At the top, there is a blue header bar with "Docs & Manuals" and "Profile: PMO - BankIslami Pakistan Limited | Switch". Below this is a navigation bar with tabs: "Investments", "Projects", "Programs", "Resource Capacity Planning", "Resource Capacity Running", "Payments", and "Organizational Process Assets". The "Projects" tab is selected. Below the navigation bar, there is a "Projects" section with a filter bar. The filter bar includes "Filters: (Advanced)" and checkboxes for "Initiating", "Planning", "Execution", "Closed", and "Archived". The "Execution" checkbox is checked. There is also a search bar and buttons for "Apply Filter" and "Reset". Below the filter bar, there is a table of projects. The table has columns: RAG, KPI, Status, Accounting Code, Project, Short Name, Project Manager, Budget, BAC, Priority, % Complete, Baseline Start, Baseline Finish, Planned Start Date, Planned Finish Date, Start, Finish, Actual Cost, Internal Effort, External Costs, Category, and Classification Level. The table contains 7 rows of project data. A watermark "Activate Windows Go to Settings to activate Windows." is visible in the bottom right corner of the table area.

RAG	KPI	Status	Accounting Code	Project	Short Name	Project Manager	Budget	BAC	Priority	% Complete	Baseline Start	Baseline Finish	Planned Start Date	Planned Finish Date	Start	Finish	Actual Cost	Internal Effort	External Costs	Category	Classification Level
		Execution	ACC-005	Project Management	PPM-001	Hasan	800,000.00	0,00	80	50.00%	10/05/2016		01/06/2016	01/06/2016	01/06/2016	01/06/2016	0	0,00	0,00	Software	High
		Initiating	BB-001	Branch-less Banking	BB	Ahmed Abbas	0,00	0,00	0	0.00%	02/05/2016		02/05/2016	31/12/2016	02/05/2016	31/12/2016	0	0,00	0,00	Software	
		Initiating	E-PAY-001	ePayment & Mobile App Development	E-PAY	Hasan	0,00	0,00	0	0.00%	02/05/2016		02/05/2016	31/12/2016	02/05/2016	31/12/2016	0	0,00	0,00	Software	
		Initiating	EMV-001	EMV Compliance	EMV	Hasan	0,00	0,00	0	0.00%	02/05/2016		02/05/2016	31/12/2016	02/05/2016	31/12/2016	0	0,00	0,00	Software	
		Initiating	BIOPOS-001	Bio Matric POS Enable-ment	BIOPOS	Ahmed Abbas	0,00	0,00	0	0.00%	01/03/2016		01/03/2016	31/12/2016	01/03/2016	31/12/2016	0	0,00	0,00	Software	
		Initiating	MCARD-001	MasterCard Acquiring	MCARD	Ahmed Abbas	0,00	0,00	0	0.00%	01/02/2016		01/02/2016	31/12/2016	01/02/2016	31/12/2016	0	0,00	0,00	Software	
		Initiating	VISA-001	Verified by Visa	VISA	Ahmed	0,00	0,00	0	0.00%	04/07/2016		04/07/2016	31/12/2016	04/07/2016	31/12/2016	0	0,00	0,00	Software	

## 2. Microsoft Project or Enterprise Project Management EPM

## Table of contents /Topics Covered:

Week	Topic to be Covered	Remarks
1	Introduction to Project Management	
2	Project Management Framework	Assignment # 1
3	Project Processes Overview	
4	Project Process and KA	Assignment # 2
5	Integration Management	Quiz # 1
6	Scope management	
7	Time Management	Assignment # 3
8	Cost Management	
	Mid Term examinations	

9	Quality management	Assignment # 4
10	HR Management	
11	Communication management	Quiz # 2
12	Risk Management	
13	Procurement Management	Quiz # 3
14	Stake Holder Management	
15	Open Source Tools for Managing Projects	
16	Presentations and wrap up	
	Final Examinations	



- The Project Management Institute (PMI) is project management professional association with over 500,000 member. Established in 1969 and located in US.
- Project Management Professional (PMP) credential recognizes demonstrated knowledge and skill in leading and directing project teams and in delivering project results within the constraints of schedule, budget and resources.