Project Management Course

for Digiuth by
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What is a Project?

Project lifecycle

Initiation
Planning
Execution
Monitoring & Controlling
Closing

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How to set up project goals?

- START WITH WHERE YOU ARE AND WHERE YOU WANT TO BE.
- BREAK GOALS DOWN INTO SMALLER PARTS
- MAKE GOALS SPECIFIC AND MEASURABLE.
- MATCH GOALS TO TEAM MEMBERS' STRENGTHS
- FOCUS ON LEARNING AS WELL AS ACCOMPLISHMENT
- SHOW RELEVANCE OF GOALS TO KEEP THE TEAM MOTIVATED
- AGREE ON WHAT GOALS MEAN

Project budget

How to create a project budget in 9 steps

- Set project objectives
- Define project scope
- Break deliverables into sub-dependencies
- List required resources
- Estimate amounts
- Consider different scenarios
- Set aside a contingency fund
- Build your budget
- Make a plan to monitor spend

10 soft skills for project management

1. Collaboration
2. Communication
3. Teamwork
4. Problem solving
5. Organization
6. Time management
7. Leadership skills
8. Adaptability
9. Conflict resolution
10. Critical thinking

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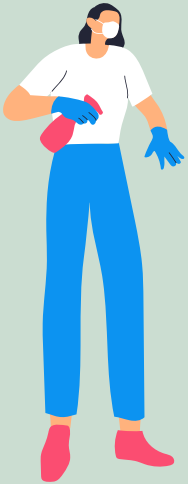
5 hard skills for project management

1. Scoping a project
2. Project roadmap
3. Drafting a project brief
4. Project kickoff meeting
5. Project planning

EVERYTHING STARTS WITH A

COASTAL CLEAN UP PROJECT

Activities



IMPACT &RESULTS

AGILE PROJECT MANAGEMENT – THE SCRUM METHOD

A BRIEF HISTORY OF AGILE

WHAT IS AGILE PROJECT MANAGEMENT?

FIVE ESSENTIAL ATTRIBUTES

FIVE ESSENTIAL ATTRIBUTES OF AGILE

- TRANSPARENCY
- CUSTOMER FOCUS
- ADAPTABILITY
- SENSE OF OWNERSHIP (EFFECTIVE LEADERSHIP)
- CONTINUOUS IMPROVEMENT

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AGILE PROJECT MANAGEMENT PHASES

A) ENVISION

B) SPECULATE

C) EXPLORE

D) ADAPT

E) CLOSE

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TRADITIONAL VS. AGILE PROJECT MANAGEMENT

ITERATIVE NATURE

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AGILE VALUES AND PRINCIPLES

- INDIVIDUALS AND INTERACTIONS OVER PROCESSES AND TOOLS.
- WORKING SOFTWARE OVER COMPREHENSIVE DOCUMENTATION.
- CUSTOMER COLLABORATION OVER CONTRACT NEGOTIATION.
- RESPONDING TO CHANGE OVER FOLLOWING A PLAN.

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12 PRINCIPLES OF AGILE

- EARLY AND CONTINUOUS DELIVERY
- CHANGING REQUIREMENTS MUST BE WELCOMED
- WORKING SOFTWARE MUST BE DELIVERED FREQUENTLY
- BUSINESS PEOPLE AND SOFTWARE DEVELOPERS MUST WORK TOGETHER
- MOTIVATED INDIVIDUALS
- FACE-TO-FACE CONVERSATION

- WORKING SOFTWARE
- MAINTAIN A CONSTANT PACE INDEFINITELY
- CONTINUOUS ATTENTION TO TECHNICAL EXCELLENCE
- SIMPLICITY
- SELF-ORGANIZING TEAMS
- HOW TO BECOME MORE EFFECTIVE

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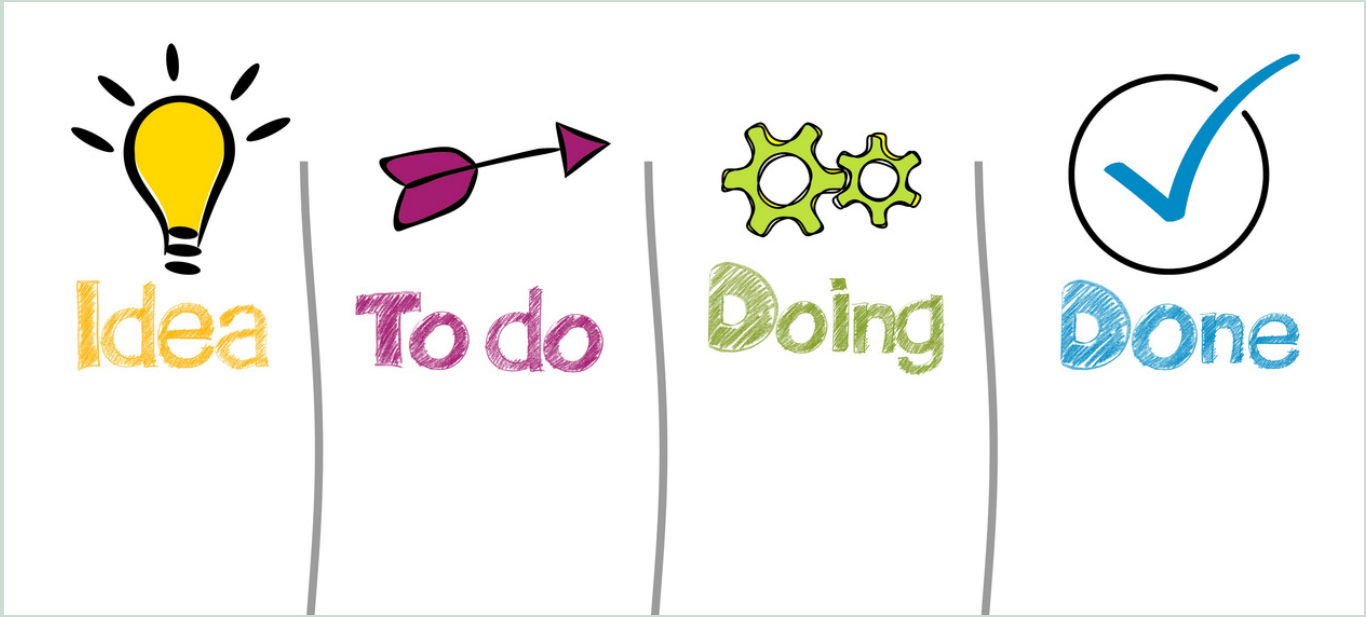
AGILE PROJECT MANAGEMENT METHODS

KANBAN, SCRUM, AND SCRUMBAN.



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THE KANBAN METHOD HAS SIX CORE PRACTICES:

- VISUALIZE WORK
- LIMIT WORK-IN-PROGRESS
- MANAGE FLOW
- MAKE PROCESS POLICIES EXPLICIT
- IMPLEMENT FEEDBACK LOOPS
- IMPROVE COLLABORATIVELY

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SCRUM METHOD HAS THREE IMMUTABLE ROLES:

THE PRODUCT OWNER
THE SCRUM MASTER
THE TEAM

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THERE ARE FOUR MAJOR SCRUM EVENTS:

- SPRINT PLANNING
- DAILY SCRUM
- SPRINT REVIEW
- SPRINT RETROSPECTIVE

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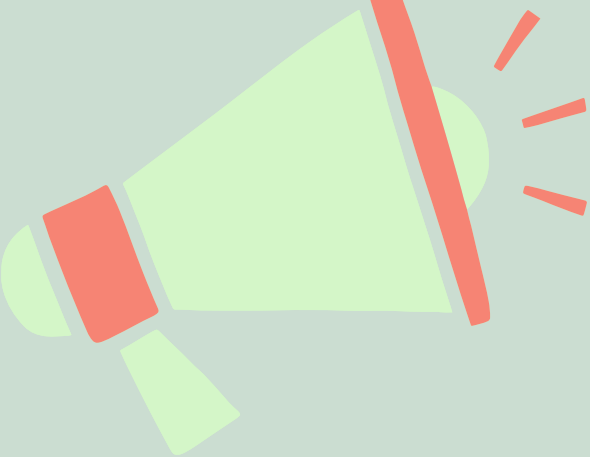
SCRUMBAN

SCRUMBAN TAKES THE KANBAN PHILOSOPHY AND PRACTICES, LAYS THEM ON TOP OF SCRUM, AND ELIMINATES SOME RULES.

LET'S SEE WHAT SCRUMBAN TAKES FROM KANBAN

- VISUALIZE WORK.
- LIMIT WORK IN PROGRESS (WIP).
- EXTEND THE BOARD.
- PRIORITIZING.
- (STOP) ESTIMATING.
- PLANNING ON DEMAND.



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THE YOUTH FOUNDATION GRANTS ANNOUNCEMENT

THANK YOU!

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