# PT NTT Indonesia
# Digital Business Solutions

# About PT NTT Indonesia

## Digital Business Solutions

- Formerly PT Emerio Indonesia
- Incorporated in Jakarta in 2005
- Focused on
  - API Management, Hosting and Monetization
  - Business Process Optimization - Finance and Accounting
  - Real-time Data Ingestion and Data Lakes
  - Digital Branch and Digital Onboarding
  - Managed Services for Apps and Databases
  - Master Data and Data Governance
  - Data-warehouse and Data-marts
  - Regulatory and Compliance Solution

# Here are some of the names which have come together

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- We help our clients harness the power of IT.
  We shape and achieve **outcomes** through **intelligent technology solutions**.
  For us, intelligent means data driven, connected, digital, and secure

**Consulting Services** | **Technical Services** | **ICT Infrastructure Services** | **Managed Services**

## Intelligent Business

- Data Management
- Enterprise Business Applications & Operation
- Regla® Governance, Risk and Compliance Product for BFSI
- Business Process Optimization
- Application Modernization
- Connected Intelligence
- DevOps Transformation
- Intelligence Automation

## Intelligent Workplace

- Portals & Collaboration
- Office 365 + Hybrid Cloud
- Consolidated Application Management Services
- Multi-lingual End User Helpdesk
- End User Computing

## Intelligent Infrastructure

- Infrastructure Solutions
- Infrastructure Managed Services

**Development / Implementation / Deployment; Team Empowerment**


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# A Glance of Project Management for IT Solution & Services

Evi Kusuma Nur Annisa

# Project Management

- Project is a temporary endeavour to create a unique solution
- Project management is there to simplify your job

Methodology:

- Project Life cycle > unique, highly customizable

WATERFALL

AGILE

- Project Management Process

Initiation

Planning

Executing

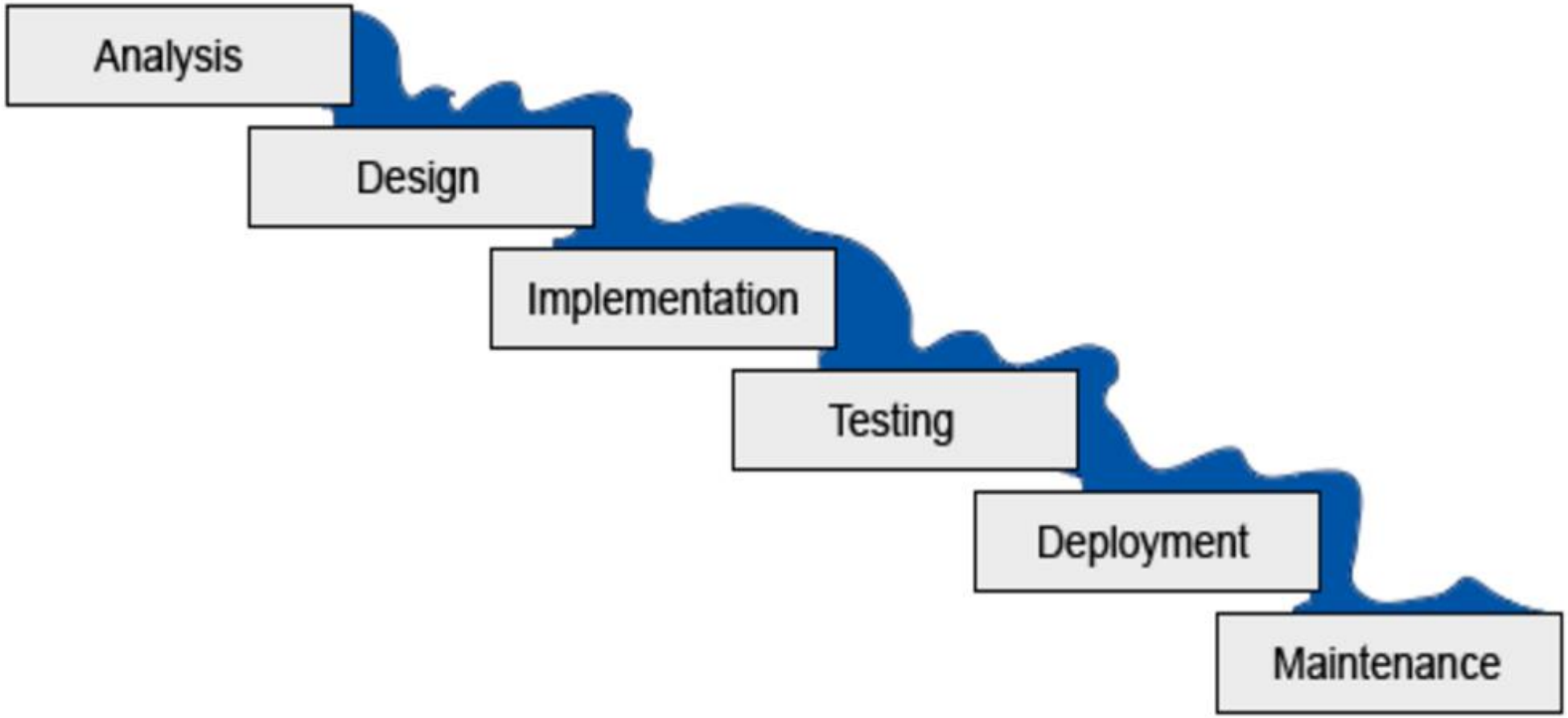
Monitoring/ Controlling

Closing

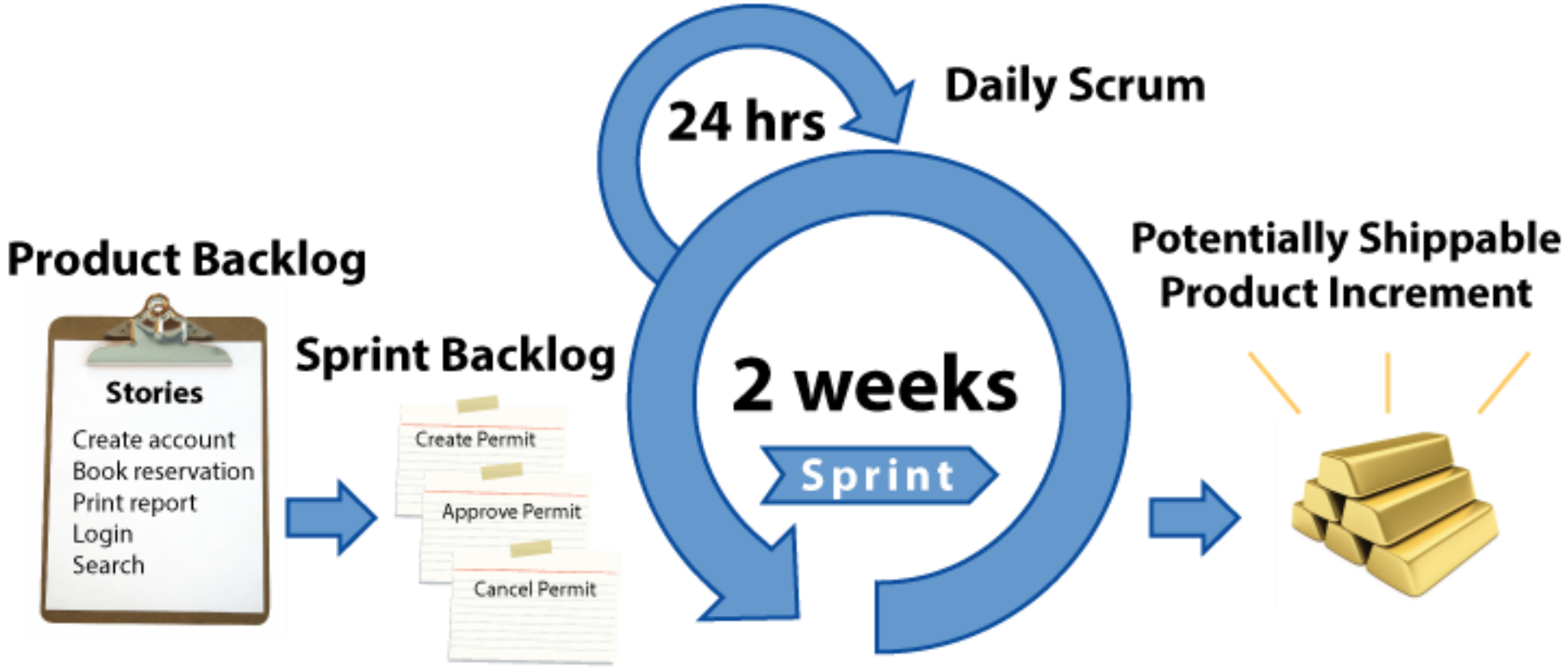
# Traditional Waterfall Vs Agile

=

# WATERFALL


Analysis
Design
Implementation
Testing
Deployment
Maintenance

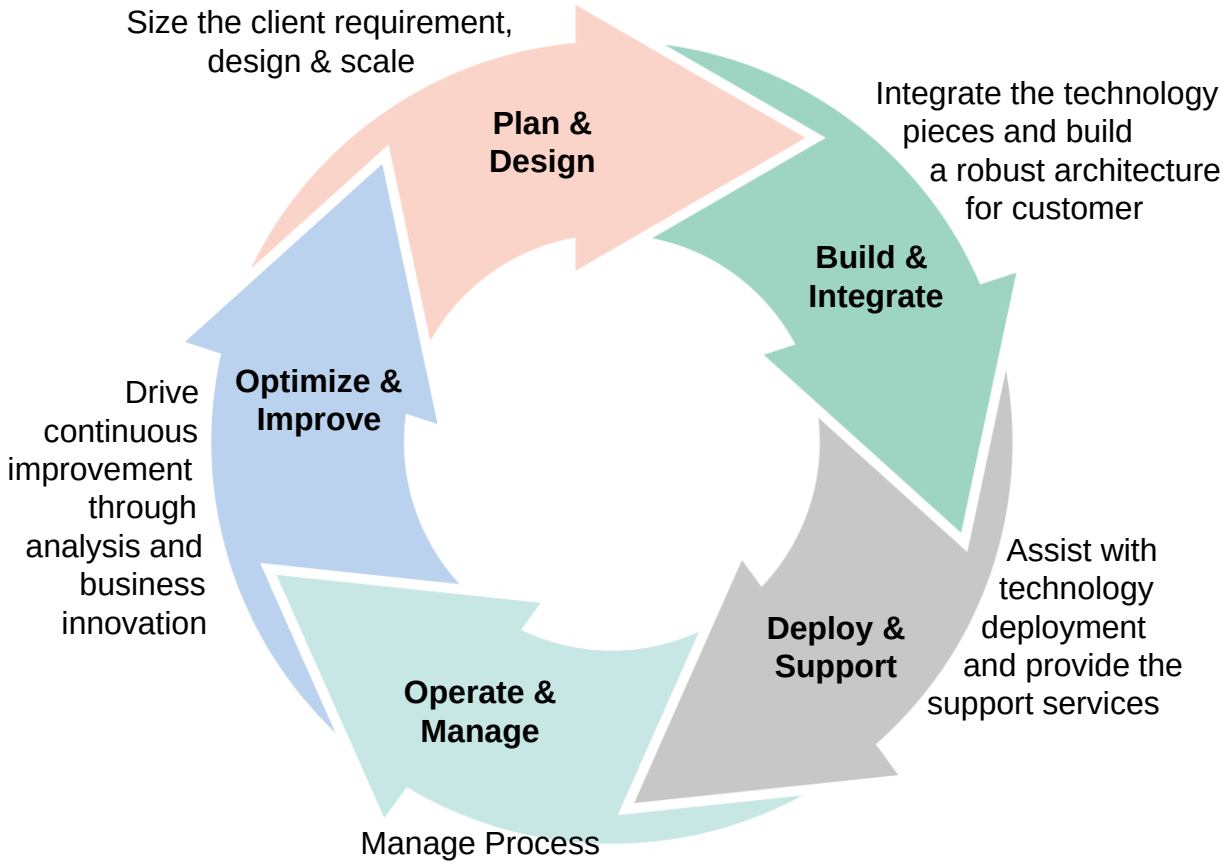
# Scrum Overview



# Agile Versus Traditional Waterfall

| Metric | Waterfall | Agile |
|---|---|---|
| Planning scale | Long-term | Short-term |
| Distance between customer and developer | Long | Short |
| Time between specification and implementation | Long | Short |
| Time to discover problems | Long | Short |
| Project schedule risk | High | Low |
| Ability to respond quickly to change | Low | High |

# Enterprise Business Applications - Outcome Based Services (Custom development)




### Backend Technology
- JAVA
- .NET

### Frontend Technology
- Angular
- Native / Hybrid Mobile )
- PWA

### Core Technology
- RPG

### Workflow Technology
- IBM
- SharePoint
- K2

### Methodology
- Scrum
- Waterfall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# Project Initiation

Meet with the stakeholders

>> understanding what stakelholders want

>> make everything clear & deliverable

Setting definitive project objective

>> what

>> when

Ascertain project deliverables >

>> how?

>> Which resources?

PIC

- Account Manager (Sales)
- Presales Team

# Planning

Requirement (scope)

Work breakdown structure ▶

- break scope to activity level>> to help estimate the cost & time requirement

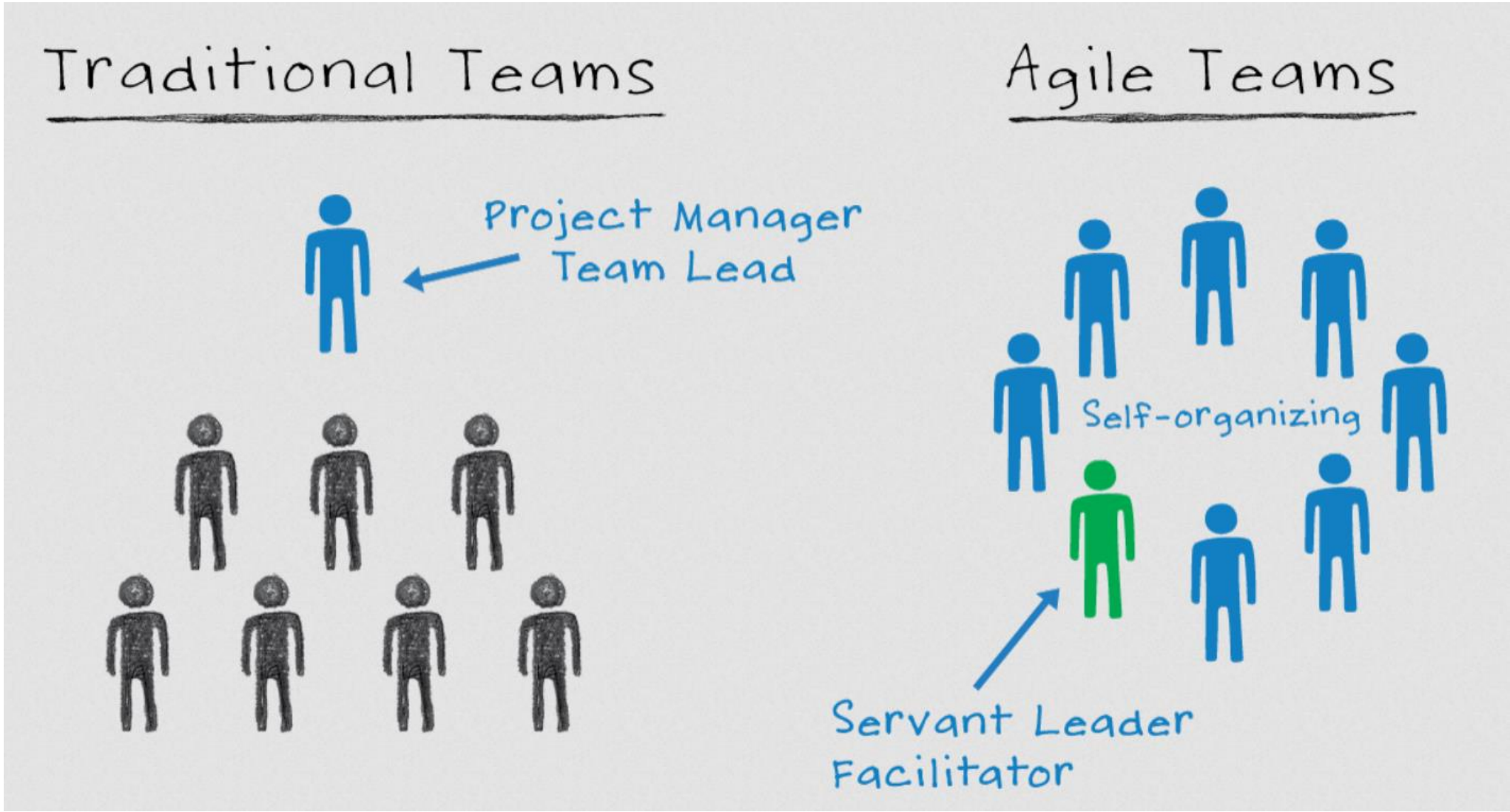
Project Structure ▶

schedule (timeline) ▶

cost & budget ▶

| PIC |
| --- |
| • Presales team<br>• Project manager<br>• Technical Lead (System Analyst)<br>• Business Analyst (opt) |

# Project Structure



# Work Breakdown Structure

| WBS | TASK DESCRIPTION | PIC | START | END | DURATIONS (MD) |
|---|---|---|---|---|---|
| OVERALL COMPLETION | | | | | |
| 1 | [Task Category] | | | - | |
| 1.1 | [Task] | [Name] | Sun 12/01/19 | Wed 12/04/19 | 4 |
| 1.2 | [Task] | | Sun 12/01/19 | Tue 12/03/19 | 3 |
| 1.3 | [Task] | | Sun 12/01/19 | Tue 12/10/19 | 10 |
| 1.4 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 1.4.1 | [Sub-task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 1.4.2 | [Sub-task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 1.5 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 1.6 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 1.7 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 2 | [Task Category] | | | - | |
| 2.1 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 2.2 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 2.3 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |
| 2.4 | [Task] | | Sun 12/01/19 | Thu 12/05/19 | 5 |

# Cost & Budget

- Mandays  (MD) the time in days required for one person to complete a task
  >> from WBS effort

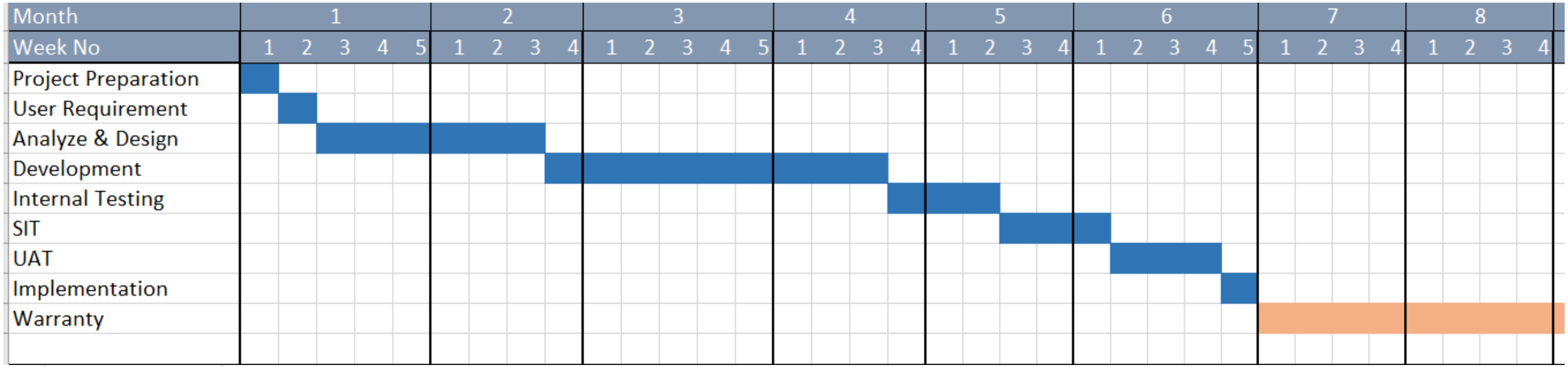
- Cost
  >> WBS total effort * price per MD (MD fixed price)

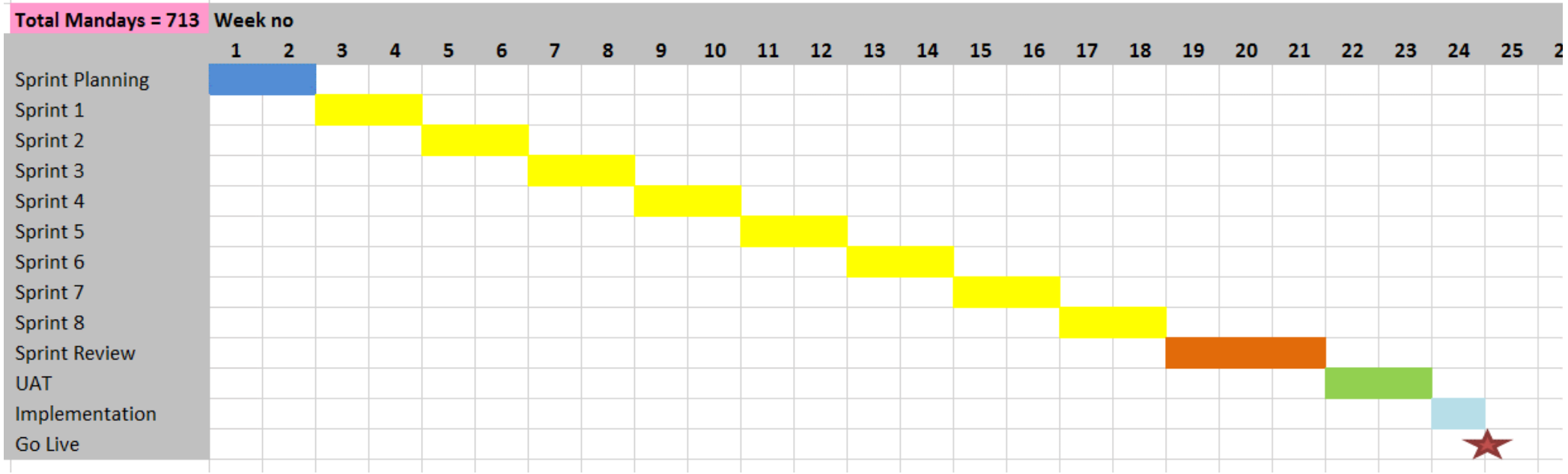
- Resource level
  >> PM/Scrum Master, TL/SA, BA, QA, Dev,
  (Junior, Medium, Senior) > different price
  >> cost = (effort Junior * price Junior) + (effort Senior * price Senior) …. etc

# Example Cost calculation (simple)

| | TASK DESCRIPTION | PIC | DURATIONS (MD) | PRICE PER MD | TOTAL PRICE |
|---|---|---|---|---|---|
| | | | | | |
| 1 | **PM** | PM | 5 | 1.500.000 | 7.500.000 |
| 2 | Analysis | BA - Sen | 10 | 1.000.000 | 10.000.000 |
| 3 | Development | Dev-Sen | 15 | 1.000.000 | 15.000.000 |
| 4 | Development | Dev-Jun1 | 20 | 500.000 | 10.000.000 |
| 5 | Developmetn | Dev-Jun2 | 20 | 500.000 | 10.000.000 |
| 6 | Testing | QA1-Med | 5 | 600.000 | 3.000.000 |
| 7 | Testing | QA2-Jun | 5 | 400.000 | 2.000.000 |
| **GRAND TOTAL** | | | | | **57.500.000** |
| | | | | | |

# Timeline


Month
1
2
3
4
5
6
7
8
Week No
1 2 3 4 5 1 2 3 4 1 2 3 4 5 1 2 3 4 1 2 3 4 5 1 2 3 4 1 2 3 4
Project Preparation
User Requirement
Analyze & Design
Development
Internal Testing
SIT
UAT
Implementation
Warranty


Total Mandays = 713
Week no
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
Sprint Planning
Sprint 1
Sprint 2
Sprint 3
Sprint 4
Sprint 5
Sprint 6
Sprint 7
Sprint 8
Sprint Review
UAT
Implementation
Go Live

# Execution

| | |
|---|---|
| Detail Design (ureq) | BA, TL/SA |
| Development | TL/SA, dev |
| Testing | QA |
| Deploy & Support | QA, dev |

# Tools

Depend on the organization

Wfh challenge:

- Online meeting
- Sharing document via Google drive
- Sharing document via Ms. Teams
- Trello
- Redmine
- Jira
- Internal developed tools

# Project Risk (challenges)

Internal

- Resource skills
- Resource resign
- Personality
- Timeline & cost efficiency

External

- Client side issue - delay
- Many change request
- Miss Communication

# How to be a Project Manager?

- Certifications? PMP? It’s good to have knowledge as much as possible
- Experience? Yes, definitely
- Softskill >> Communication - Working with other staff members, departments and stakeholders
- Continuous learning & training
- Hard work & commitment
- Focus & willing to work under pressure

# Together
# we do great things

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# Thank You!


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Q & A

Q1

NTT

Mention at least 2 differences between Waterfall & Agile method

Q2

Mention 3 steps on Planning

Q3

NTT

# 3 Technology that are implemented by NTT custom development team