

# Agile Project Management

Instructor

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| Ms-SPM

# AGENDA

- Introduction
- Meet your instructor
  - Who am i ?
    - Education
    - Work experience
- Why I am teaching?
  - To learn
  - To share what I know

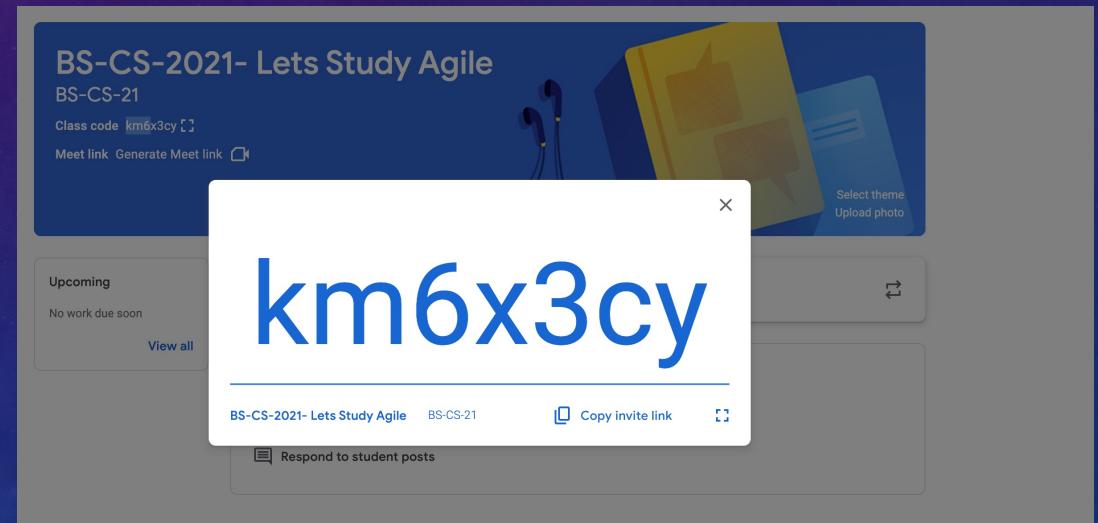
# AGENDA

- “Ilm should make you humble.
- The more ilm you get, the more humble you should become !
- To make my profile better
- To know new people.
- My interests
  - Travelling
  - Reading
  - Hosting
  - Teaching
  - Occasional Video making.

## CONTACT DETAILS

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- Email address: [ali.shan@securit.ai](mailto:ali.shan@securit.ai) (Professional / Job Related Queries / Resumes etc)

# GOOGLE CLASSROOM



# AGENDA

What did we just do?

- We have clearly defined the expectations
- We have clearly defined what we are gonna do
- We *Retrospected* ourselves
- What is RetroSpect?
  - What went well?
  - What went wrong?
  - How to improve?

# AGENDA

- Retrospect is an Agile Concept
- Agile concepts are applicable in daily lives as well !
- So, lets have a look at our “*Tentative Course Outline*”

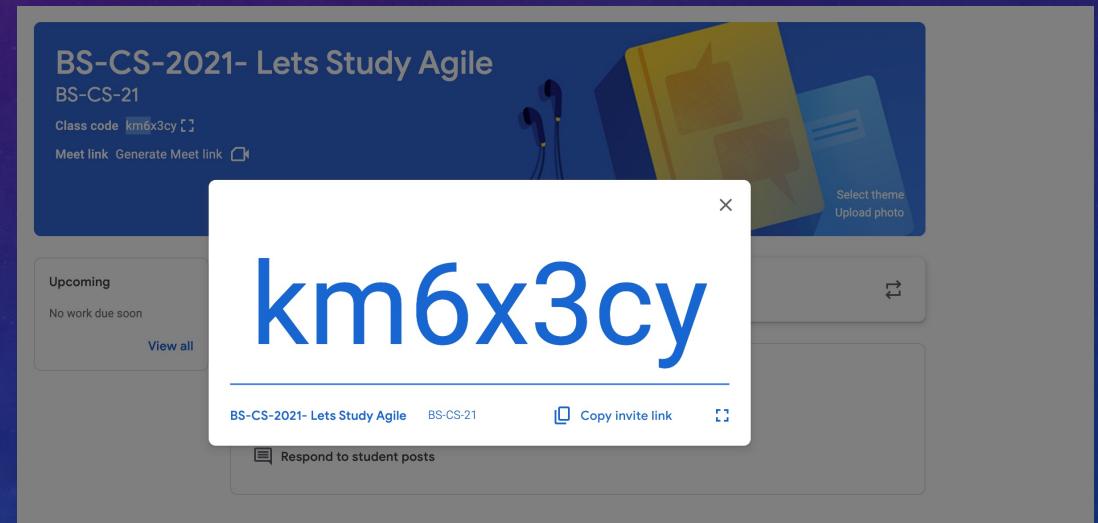
# COURSE OUTLINE

- Refer to the pdf document - course outline - tentative.Pdf

# AGENDA

- Your name
- Any internship or job you are doing or did in past
- Whats the most interesting thing, a unique thing about you or a good quality of yours.
- What do you want to improve in yourself?
- Your expectations from this course.

# GOOGLE CLASSROOM



# RECAP

Ground Rules

Agile

Manifesto

Retrospect

ClassRoom reminder

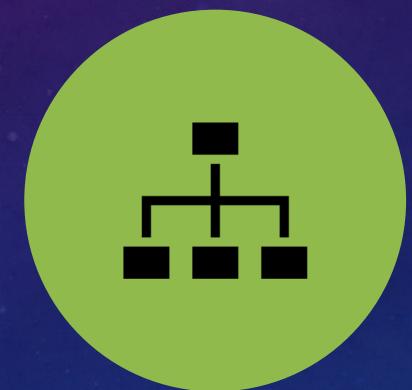
# Agile project management



AGILE



PROJECT

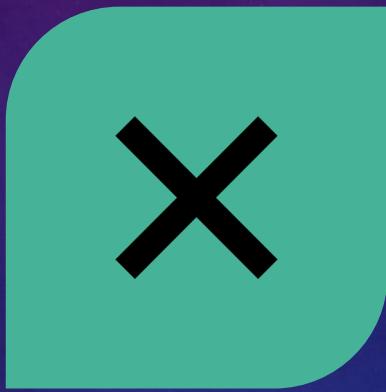


MANAGEMENT

# What Agile is not?



AGILE



WHATS NOT  
AGILE



WHAT PEOPLE  
SAY?



# OPURTUNITY COST



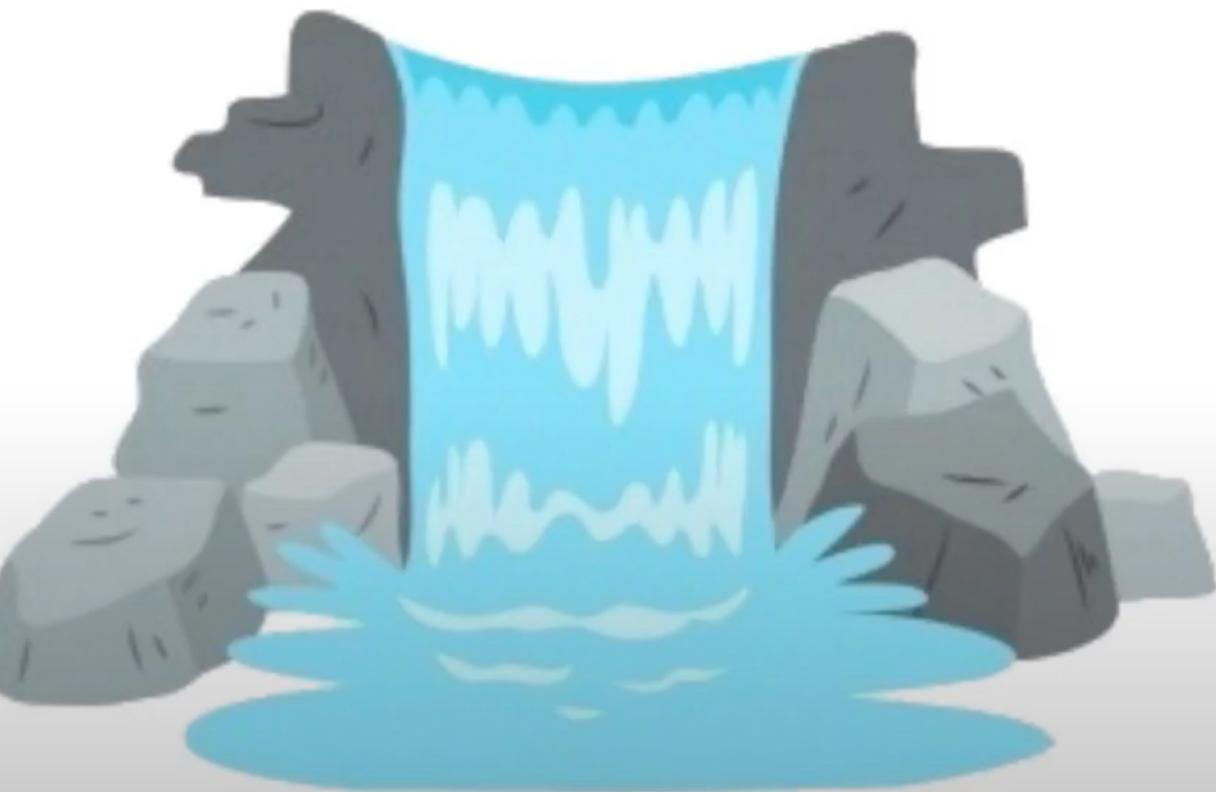
## A) THE BOILING FROG SYNDROME



DON'T  
DO THIS AT  
HOME  
(or anywhere)



# WATERFALL



**REQUIREMENTS**

**SYSTEM DESIGN**

**IMPLEMENTATION**

**TESTING**

**DEPLOYMENT**

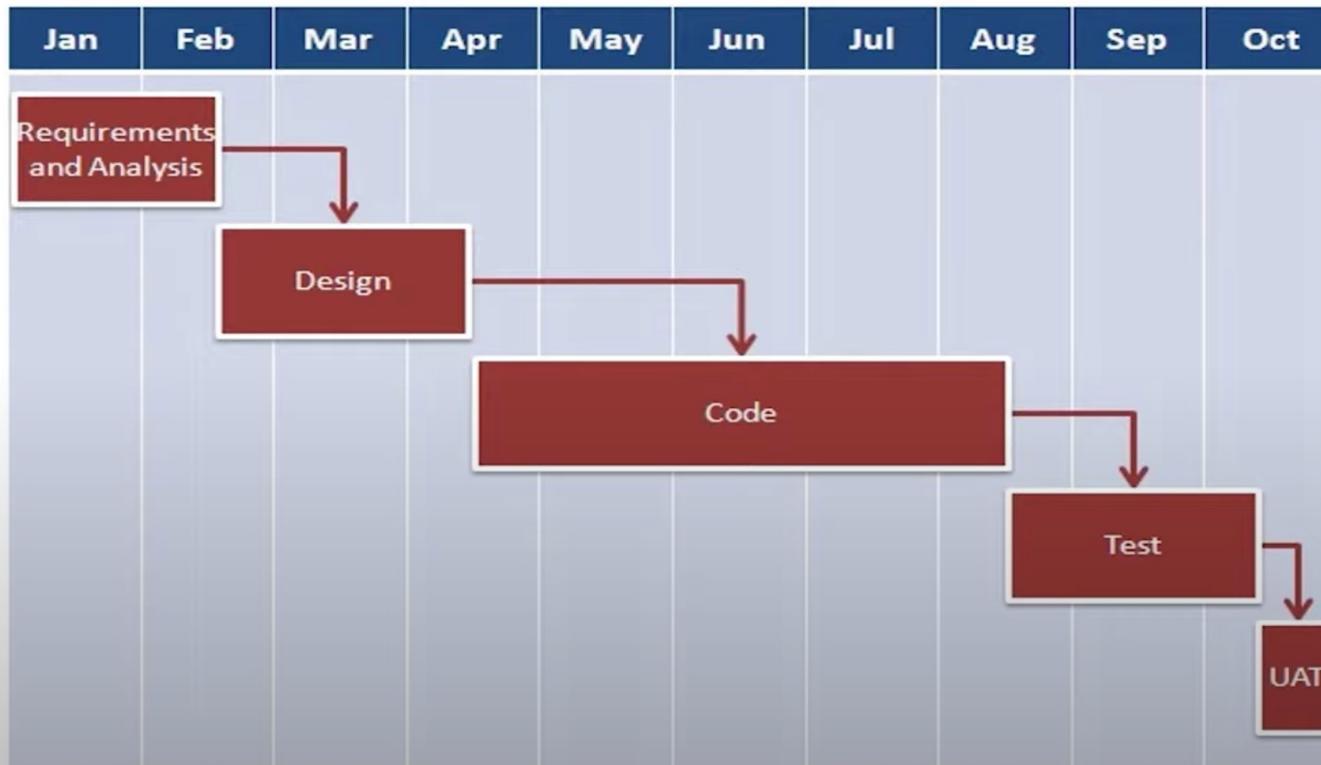
**MAINTAINANCE**



# WATERFALL

1. Step by step
2. Sequential model – That is It works in a sequence
3. Linear Model following top down approach, Just like its name suggests WaterFall
4. Next step won't start, unless current step got completed.
5. Very rigid
6. Changes couldn't be brought easily when required
7. Emphasis on following Processes and Tools
8. Extensive Documentation needed
9. Customer wont get to see the product unless the time of UAT.
10. Extensive Planning

# WATERFALL VS AGILE



# WATERFALL

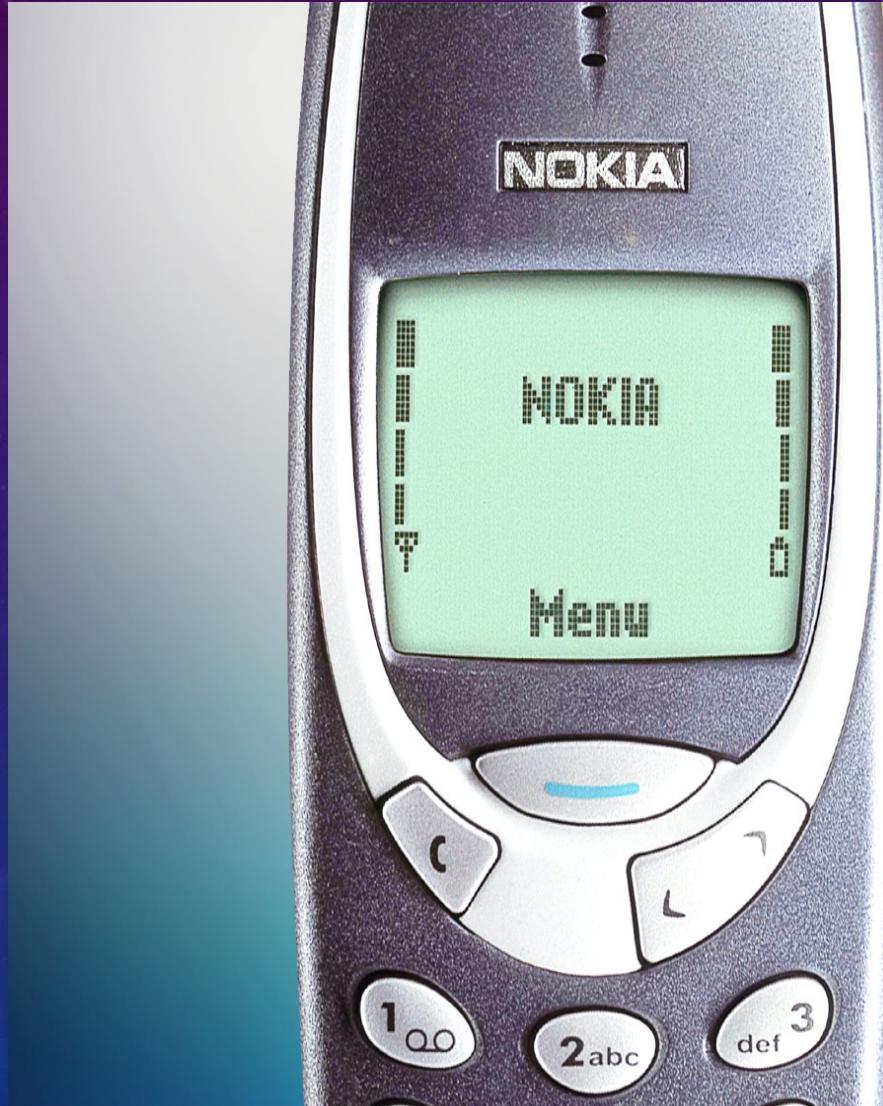
- Observe the time line in above figure.
- How it linearly goes on
- Where can we use waterfall?
  1. When the scope is fixed
    - No changes required
    - Because changes are costly
    - Need time
  2. When customer involvement is least
  3. Project is Relatively simple and you have done it many times before
  4. Requirements are Static – Customers know well in advance what they want

# COMPANIES THAT DIDN'T ADAPT

- Biggest mobile phone manufacturers
- 2008 – Most Valueable Brands
- So what went wrong?

Nokia decided to focus on hardware and  
Neglected the updates in Software.

Result is in front of you !







# YAHOO!

- They had possibility to buy google in 5 billion dollars.
- Google is now worth 245 billion, 50 times more !

# Boiling frog syndrome

- Friend-relation
- Global warming
- Bad boss ?
- Bad job?
- Smoking

# What is a Project?

Temporary Endeavor

Time Bound

Creates a Unique Product

Service

Result

# Examples

Constructing a House

Designing a new Smart Phone

Creating an LMS

Launching a Space Ship

Setting up a Call Centre

# Project is NOT



Doing Daily  
Tasks



Answering  
Phone



Making Coffee



Replies to  
Emails



Attending  
Meetings

They all are  
Business as  
Usual i.e every  
day ongoing  
normal  
activities

Doing Daily Tasks

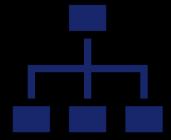
Answering Phone

Making Coffee

Replies to Emails

Attending Meetings

# Program and Portfolio



**Program** - A group of related projects is called a program.



**Portfolio**—A portfolio is a group of related programs, with the objective to deliver business outcomes.

# CONSTRUCTION COMPANY



Project—Construction of a house



Program—Construction of a housing complex



Portfolio—All the housing projects of the company

# AEROSPACE ORGANIZATION



- Project—Building the launch vehicle



- Program—Successful launch of a satellite



- Portfolio—All the active satellite programs

# IT ORGANIZATION



- Project—Development of the shopping cart module



- Program—Development of a fully functional e-commerce website



- Portfolio—All the websites developed by the company so far

# RECAP

KODAC

PROJECT, PROGRAM

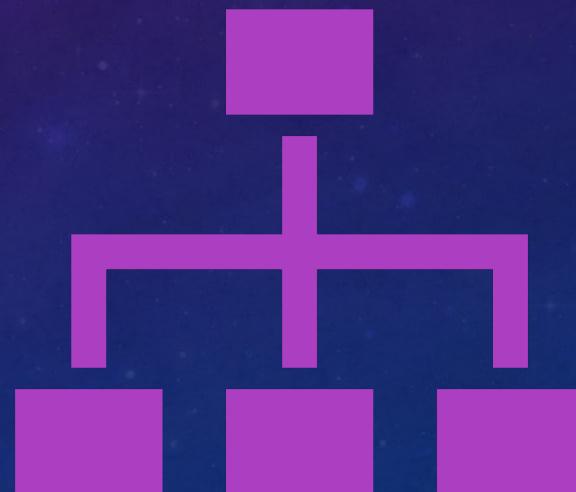
PORTFOLIO

WATERFALL

WHERE TO USE AGILE

# SKILLS FOR A PROJECT MANAGER

?



# SKILLS

Leadership

Motivation

Management

Communication

Decision making

# SKILLS

Coaching

Time management

Trust building

Political and culture awareness

Conflict management

# SKILLS

Business Skills

Technical Skills

Negotiation

Team Building

Influencing

# DECISION MAKING

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As much as we like to think we're open-minded and impartial, a ton of different biases are continually influencing us.

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Affecting our thinking, behaviours and decisions

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While some are openly apparent, many biases are unconscious; **you may have no idea you're under the influence of a bias that's distorting your way of thinking**



**SURVIVORSHIP  
BIAS**

# CONFIRMATION BIAS

Pre-Existing  
Beliefs that make  
your decisions  
biased

Examples?

Left Handed  
People

Social Interaction

A dogs incident

A sales woman

Medical research



HALO  
EFFECT

# HALO EFFECT

A kind co-worker

A nice looking restaurant

An actor endorssing a product

Student

what is

# THE BANDWAGON EFFECT?



FEW BIASES  
THAT EXIST

Confirmation Bias

Availability Heuristic

Survivor Ship Bias

Halo Effect

Urgent                      Not Urgent

Important

Not Important

#1

Do

#3

Plan

#2

Delegate

#4

Delete

## **1 Do First**

**High Urgency  
High Priority**

**Important Task**

## **2 Delay**

**High Priority  
but Not so Urgent**

**Schedule to complete**

## **3 Delegate**

**High Urgency but  
not High Priority**

**Can be done  
by someone else**

## **4 Don't Do**

**Low Priority  
Low Urgency**

**Distraction**