Flipkart

JEDI 2.0 TRAINING (GROUP D)

FRAMEWORK FOR A WEEK

- ONE WEEK PLAN

- DISCUSSION ABOUT PROBLEM STATEMENT/ TECHNOLOGIES AND DOUBT CLEARANCE ON A DAILY BASIS

- DISCUSSION WITH SME/TRAINER ABOUT PROJECT PROGRESS AND TRANSFORMATION BASED ON UML

STAKEHOLDERS

SPONSORS

- FLIPKART

SME/ TRAINER

- AMIT BALYAN

COORDINATOR

- ANUSHKA KHANNA

our task
starts

NOW

1 WEEK TRAINING + PROJECT DEMO

6 DAYS

48 HOURS

2880 MINUTES
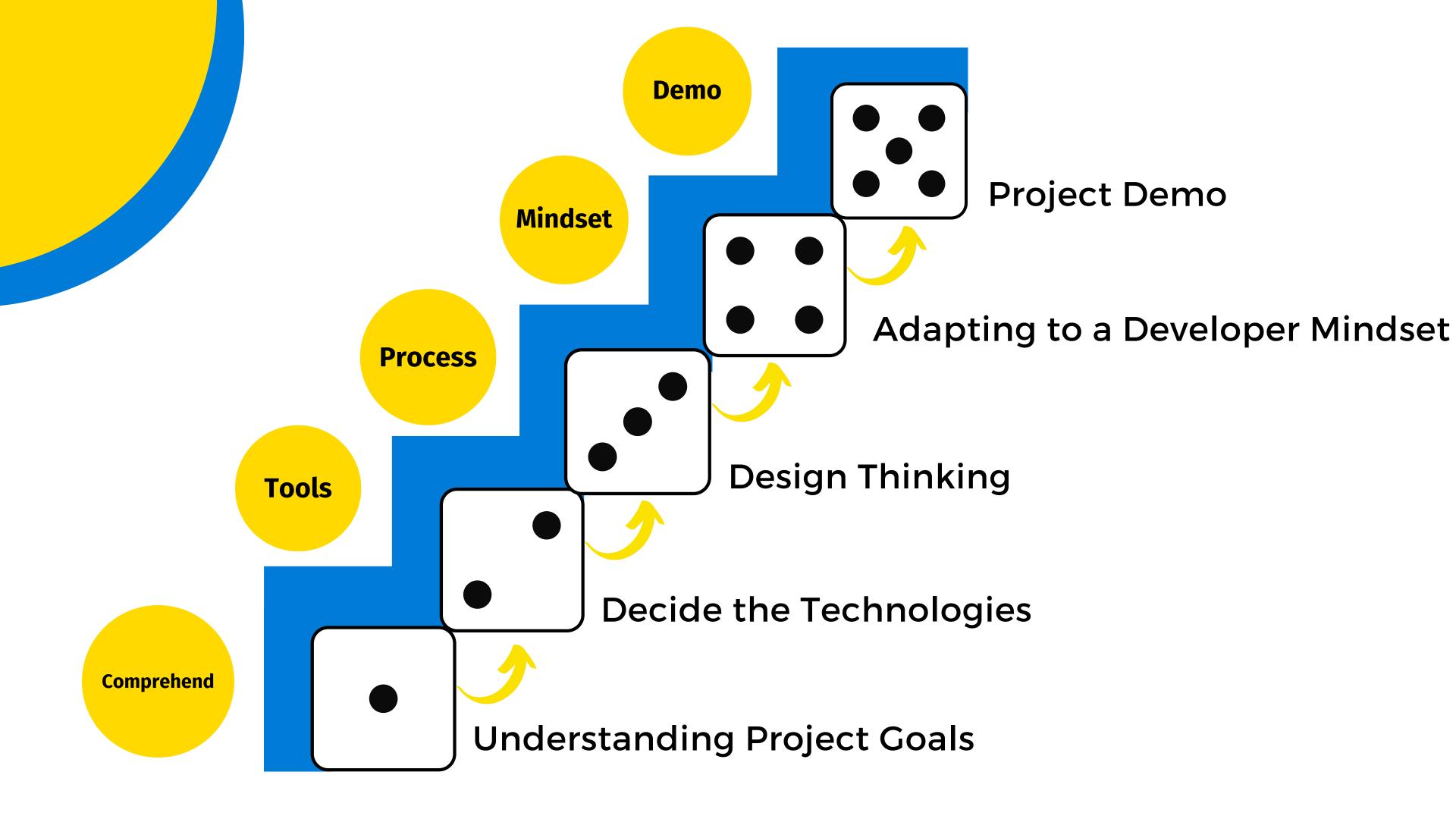
172800 SECONDS

LIMITLESS KNOWLEDGE

AGENDA

- **OUR JOURNEY**
- **OUR TEAM**
- **PROJECT GOALS**
- **ENGINEERING PRACTICES**
- **TECH STACK**
- **CHALLENGES & LEARNING**
- **DEMO**
- **QUESTIONS**

OUR
JOURNEY

Demo

Mindset

Process

Tools

Comprehend

Project Demo

Adapting to a Developer Mindset

Design Thinking

Decide the Technologies

Understanding Project Goals

OUR
TEAM

> TEAM MEMBERS

Aditya

Divyanshu

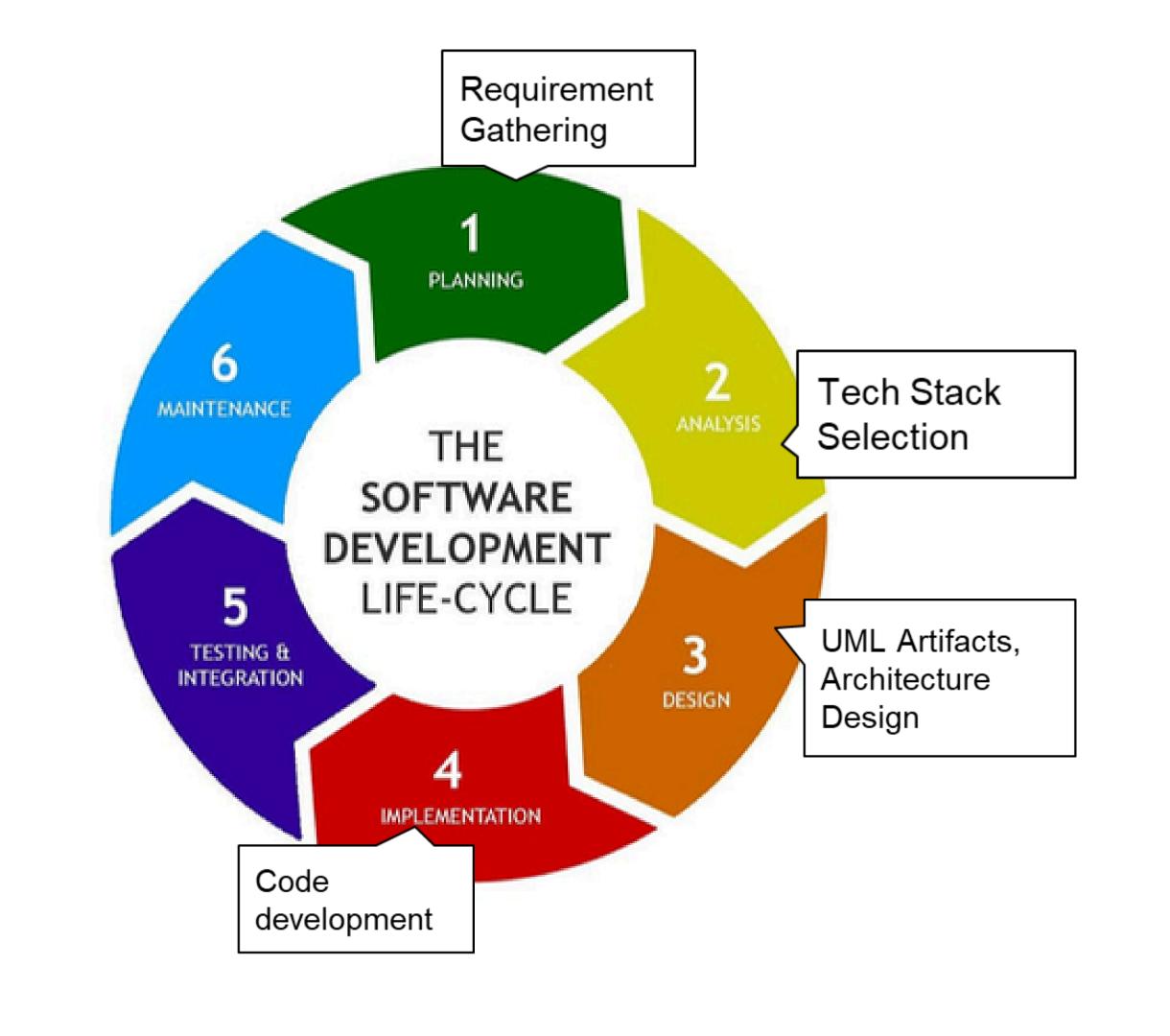**Adwait**

Sindhu

Shailja

Sahithi

PROJECT GOALS

PROBLEM STATEMENT

To develop a POS application and REST API for **Course Registration System** using JAVA where the student can register, add/drop course, View Grades, professors can view courses, enrolled students, ADD Grades while admin can manage users, add/drop courses to catalog

ENGINEERING PRACTICES

The Software Development Life-Cycle

1 PLANNING — Requirement Gathering

2 ANALYSIS — Tech Stack Selection

3 DESIGN — UML Artifacts, Architecture Design

4 IMPLEMENTATION — Code development

5 TESTING & INTEGRATION

6 MAINTENANCE

TECH STACK

Designing	Backend	Testing	Data	SCM
UML	Core Language	Tools	SQL Database	Code Collaboration

Lucidchart

Java

Framework

Maven

REST API

Application Server

MySQL

POSTMAN

GitHub

git

CODEBUNK

CHALLENGES & LEARNINGS
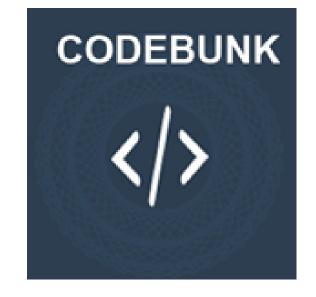
Challenges

Learnings

➜Understanding the problem statement
➜UML diagram conventions

➜Git commands
➜UML Diagrams

➜Installation softwares on multiple environments
➜POS application development using layered architecture

➜Java 17
➜Exception Handling
➜SQL

➜Resolving jar and version dependencies
➜Running our application with DropWizard

➜REST API development using DropWizard
➜Maven

QUESTIONS?

THANK YOU