Proposal Presentation On

Software Project Lab II

By Team Twins

Project Name : IIT Library

Supervised By

Dipok Chandra Das
Assistant Professor
Institute of Information Technology
Noakhali Science and Technology University

Our Team Style

ASH1825042M

ratna2514@student.nstu.edu.bd

facebook.com/ratnoTripuraa

Ratna Kumar Tripura

Prosanto Deb

ASH1925005M

prosanto2514@student.nstu.edu.bd

facebook.com/prosantoDEB

Abdullah Alif

ASH1925009M

alif2514@student.nstu.edu.bd

facebook.com/abdullah.alif.9210

Table of Contents

01 — Introduction

02 — Motivation

03 — Stakeholders

04 — Features

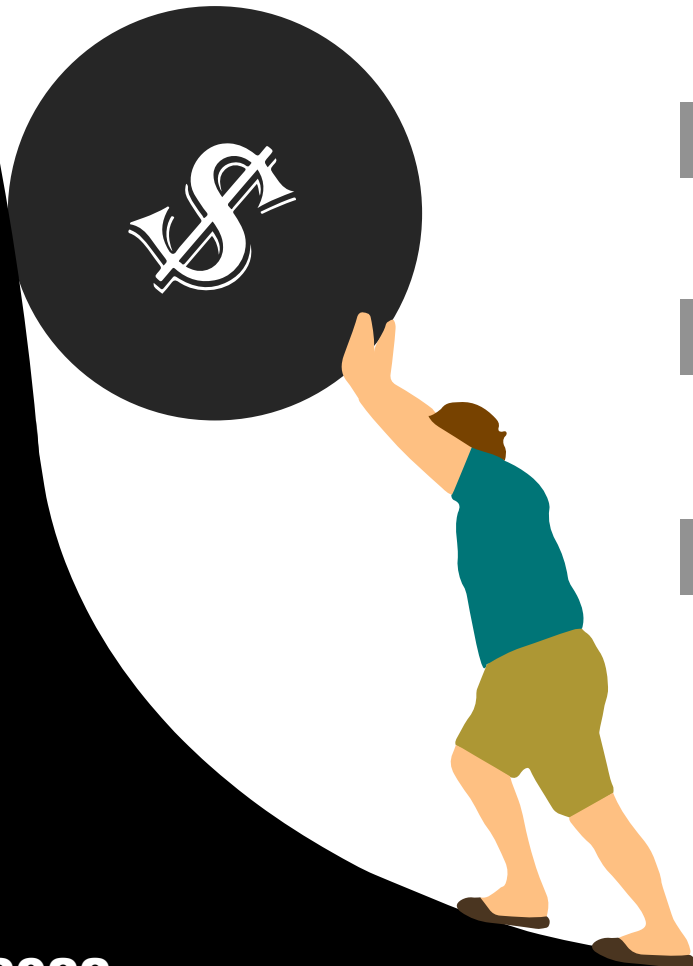**05** — Tools & Language
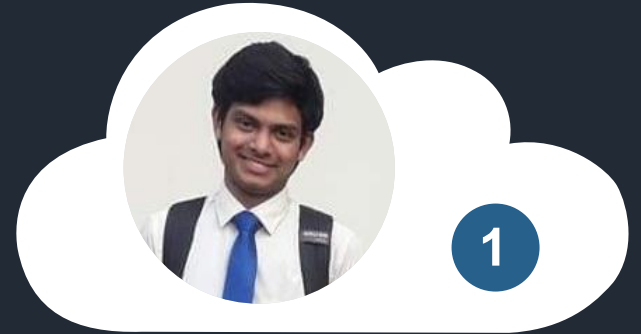
06 — Challenges
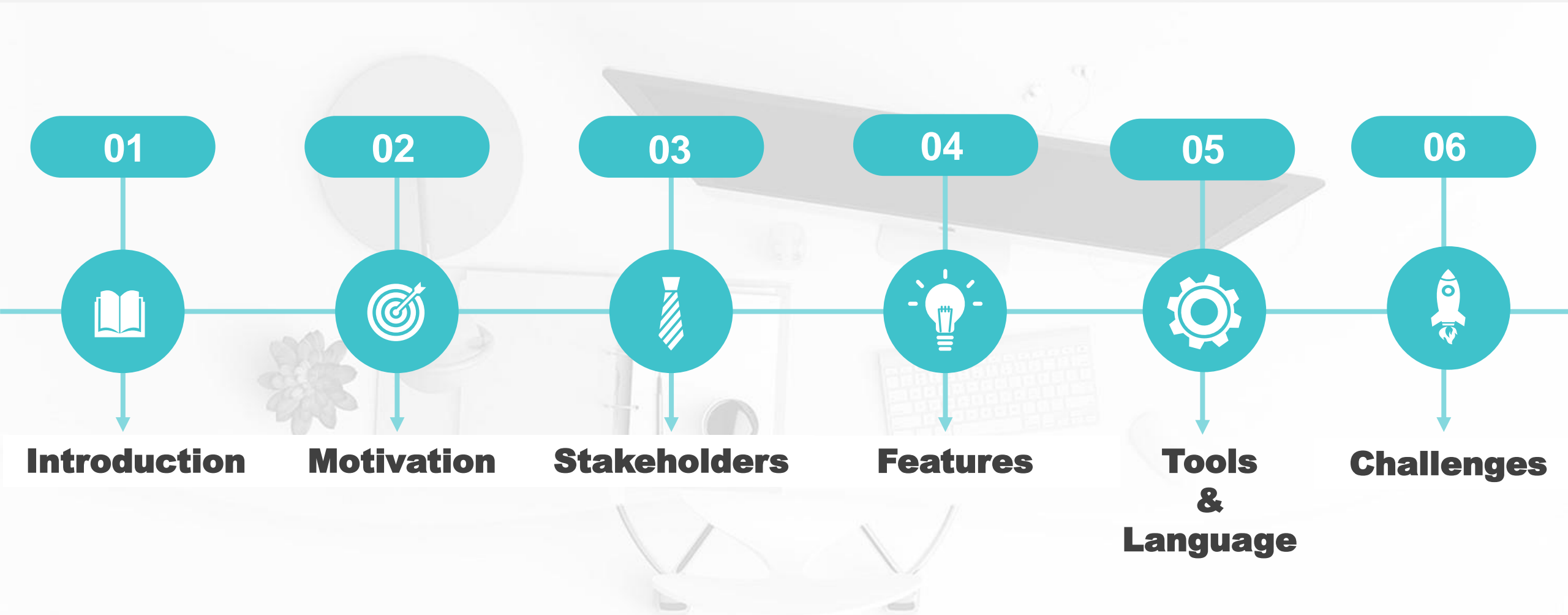
Introduction

This is a proposal presentation for Software Project Lab II. This project will be developed during the 5th semester of BSSE program. Starting from 12 June, 2022 and final project will be delivered within 08 September, 2022.

Motivation

01 Lack of Interest in Library Books

02 Manual Library System

03 Wastage of National Resource

04 Book Cataloging requires lots of time

05 No Record of Lost Books and No one is accountable for this

06 Buy Expensive Software

07 Spend money for maintenance

08 Technical Support will not be available all time

IIT Library

Objective

Transforming Manual to Automated Library System

Objectives

01 Save the cost of buying a paid software or system

02 Faster service and Remotely access

03 Can use the system according to our need

04 Customize and Modify Features according to requirements

05 Always technical support will be available from the developers

06 Utilize the period of SPL II

Stakeholders

Suppliers

Individuals and teams that are part of the organization that develops the software product – Team Twins, IIT, NSTU

Change Control Board

Responsible for reviewing or proposing changes, approving/disapproving changes, ensuring that approved changes are implemented and validated – Faculty Members, IIT, NSTU

Acquirer

- Customers who request, purchase, and/or pay for the software product – IIT NSTU
- End-users who actually use the product directly or indirectly – Students, Teachers and Staff
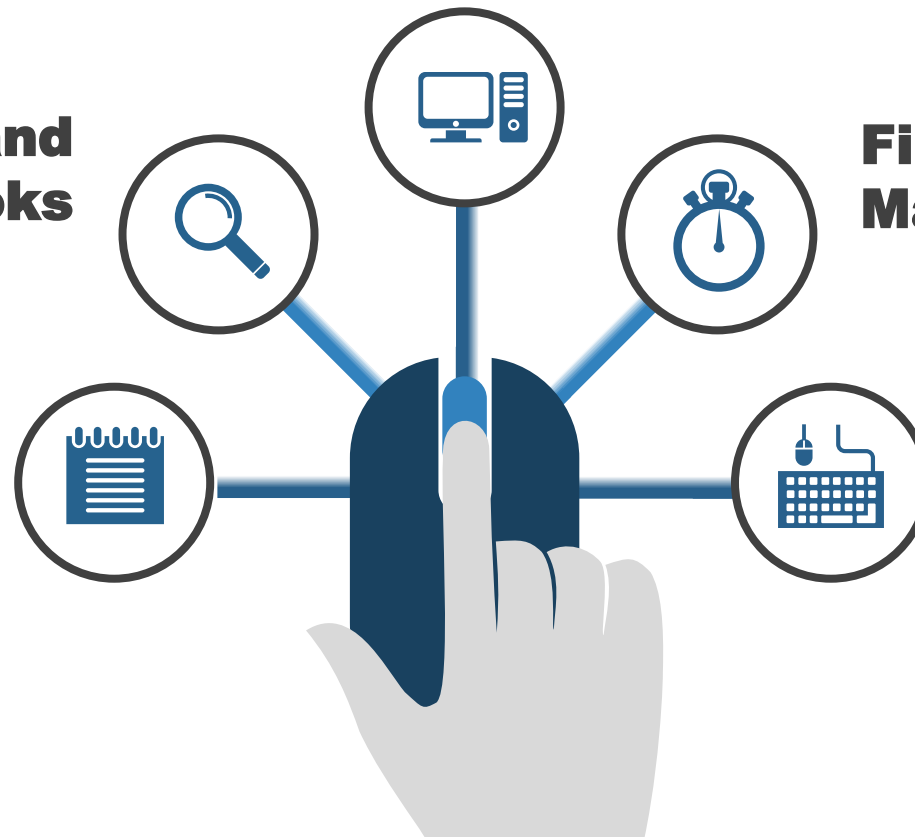
Features

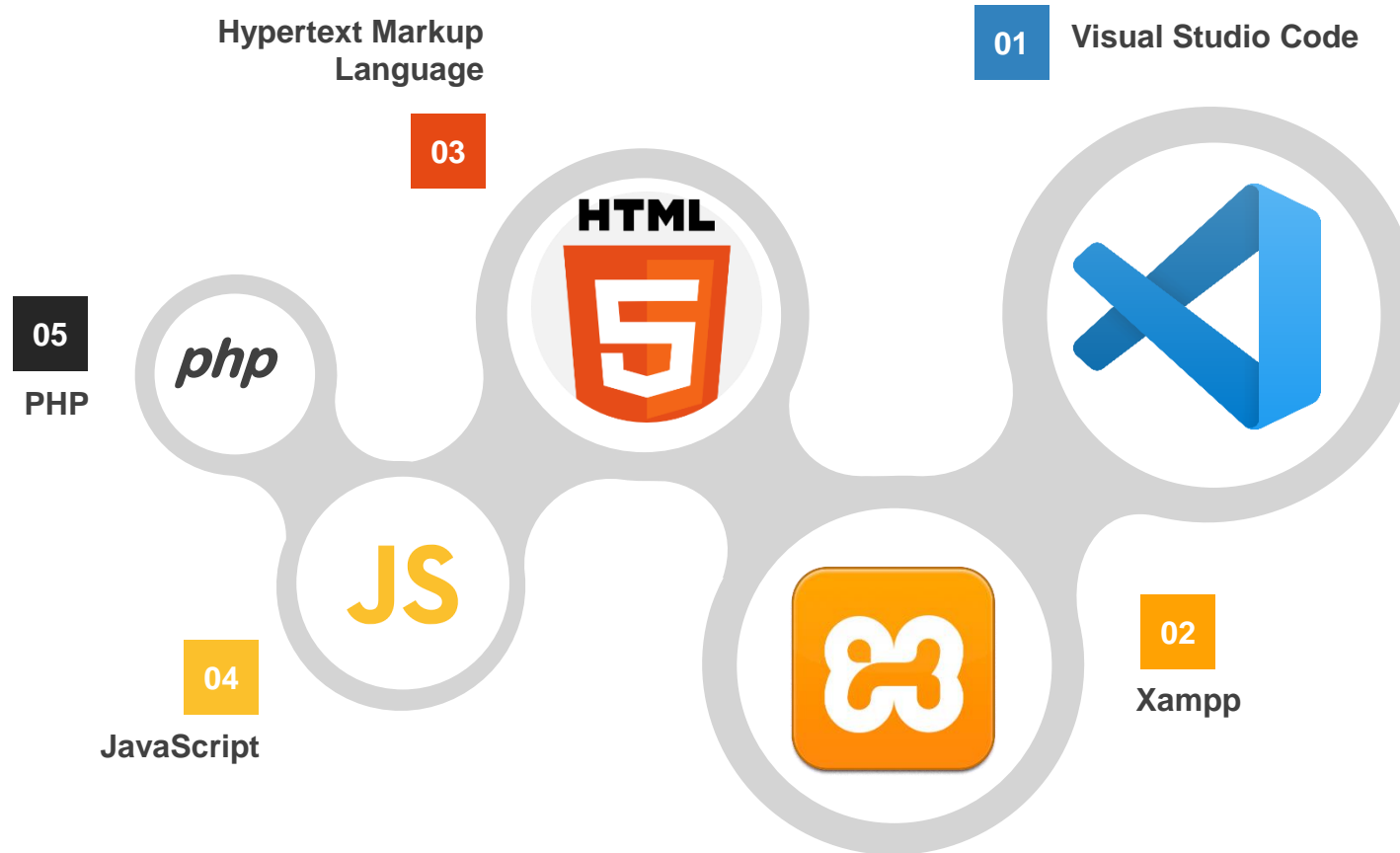Advanced Booking and Soft Copy of Books

Search and Cataloging Books

Fine Management

Membership Management

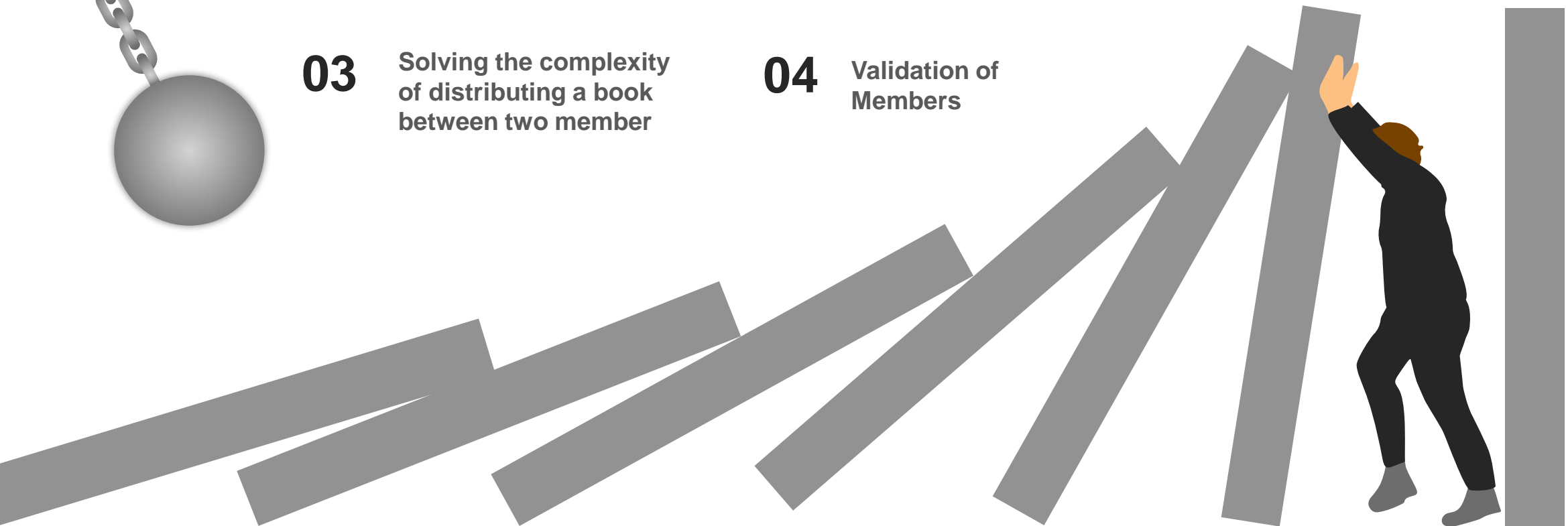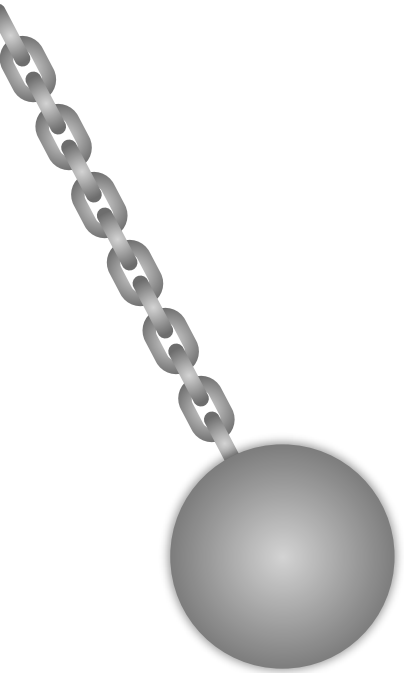Data Entry by manually or Bar-coding and Scanning

Tools and Language

Hypertext Markup Language

01 Visual Studio Code

03

05
PHP

php

HTML 5

JS

02
Xampp

04
JavaScript

Challenges

01 **Implementing Payment Gateway**

02 **Defining Strict Rules and Regulations**

03 **Solving the complexity of distributing a book between two member**

04 **Validation of Members**

Production Level

Thank You

Asking Suggestion

Also Receiving Suggestion at

prosanto2514@student.nstu.edu.bd
alif2514@student.nstu.edu.bd
ratna2514@student.nstu.edu.bd