## Project Name

“Learn Programming” (java , c++ , etc )



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## Session

## W3

## University of Management and Technology

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# Introduction

## Project Overview

If you are student of any programming language and you have hard time to learn to programming in your class , this app will help you lean programing , we add some of best tutorials of the word in this app , we have 3 basic function, source code of that particular language with you looking for , Video tutorials and Documentation :

* Problems or Overview Statement

Get help to any programming language anywhere you want with out Internet

* Customer

Everyone who what learn any programming language (student , teacher etc)

* Goals

To help the programmer’s when they have not access Internet

* System functions

Video lecture

Display source code

Display domination

## Problem Statement

When You have no internet and you want help some in any programming language come and use “Learn programming”

## Customer

This project not for any particular client , I will publish this app on google play store any one can obtain a copy of this app

So I offer the solution if you have no internet and You want to lean programming you can use our app

We target to new student when thay stuck in project we will help to learn programming more and more

But overall customer is everybody who willing to learn new programming

## Affected Groups

1. Student Who want to learn new programming language
2. Teachers

## Dependencies

app behaver depend on your Android OS System , this app defor >api15 level so it will run on > api 15

also We add Material desing in this app witch is work on android 5.0 or > OS

## Assumptions

This app will work perfectly fine without internet connectivity but to play or watch video lecture’s You need Wi-Fi or 3g data enable

All data base Maintains by developer team Provide definitions or references to all the definitions of the special terms and acronyms used within this document. Provide references to all documents that have been consulted during the analysis phase.

## Reference/ Source Documents

Study the existing apps from “**google paly store**”

Study the some open source project from **git hub**

## Goals

Our Goals is improve the way you study , and share free / value able content

## Project Title

“Learn Programming”

## Objective

Make a app witch have videos , source , docomantaction of any programming laguage

## Operating System

Android / IOS

# STAKE HOLDERS

### Primary stack holder:

Customer:

1. student
2. Teachers

These people are interact with app directly app , so these people are effected anything if happed

### Secondary Stakeholders:

1) YouTube

*2) Google*

3) the handset makers

You Tube is indirectly stack holder in my app because I add the videos in my app witch is use YouTube service so if You tube goes down my app will not able to display the videos

Google also indirectly stack holder because if my app is hosting on google play store , so thing going happed with google play store it will effect on my app

# System Functions/ Functional Requirements

Functional requirements are services that are going to be provided to the user. The main type of user is the regular user. Administrators are not needed in this system because it should be self sufficient by the regular user/customer

1. Display the source code of any programming language witch user in interested
2. Display the Documentation of any programming language (user choise to select the language eg java or c++)
3. Play the YouTube Video tutorials
4. User can search any program within this app using search view
5. Share witch other (source code will be share only)

NON Functional requirements

1. App will work fine both 4g and 3g as well as wifi network
2. App have unique design (Martials deign )
3. Internet will need in case to play with in app

# DOMAIN ANALYSIS

This apps is going to use by BS student mostly ,this is student domain, mostly student have low $ , so we try to give free education with our app , student does not have internet whole day , we try to save mobile data plane much as possible , once student open this app with internet it will fetch the data and store locally , so latter on it will not use internet , existing app not allow to user share content locally with sms etc , but we done this

# System Architecture

## Diagram

HTTP

Student app host

Gate way

Database access

JDBC

HTTP

Web server

Application serer

HTTP

network partition

Internet

App

# Data flow diagram

## Context DFD

Learn Programming app

Student

## Data Flow Diagram 1

