

iXPAD

**Group name: iX**

**Group Members:**

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- 2. Azad Hossain (ASH1825014M)**
- 3. Saima Nawal (MUH1825041F)**

## Project Title: iXPAD

### Introduction

This is a proposal for software project lab I. This project will be developed during the **3rd semester of BSSE 1st Batch, IIT, NSTU**, from January 2019 to end of the semester and the final project will be delivered at March 2019. We will work along with our regular academic courses. This project is the implementation part of the course **Software Project Lab - I**.

### Description

A Simple notepad with bookmarking ability.

### Features

- Bookmarking ability
- Checking duplicity of any text files
- Capitalization of sentences or words
- Line number
- Multiple tab
- Show recent opened files
- Dark & Light theme
- Syntax highlighting for C & C++ programming languages
- Suggestions for words
- Spell Checking
- Dictionary

### Objectives

- Learn OOP using Java
- Algorithm implementation
- Create desktop application

### Scope

Make Windows based application.

### Future Work

Make cross platform application.

### Work Distribution

Task	Members
Proposal	Asif, Azad, Saima
Requirement analysis	Asif, Azad, Saima
Design, study	Asif, Azad, Saima
Coding	Asif, Azad, Saima
Testing	Asif, Azad, Saima

## Timeframe

Task	Timeline
Proposal	15 <sup>th</sup> January
Requirement analysis	Within 21 <sup>st</sup> January
Design, study	Within 28 <sup>th</sup> January
Coding	Within 28 <sup>th</sup> February
Testing	Within 7 <sup>th</sup> March

## References

- <https://github.com> [accessed at: 14.01.2019]
- <http://blog.robertelder.org/diff-algorithm> [accessed at: 12.01.2019]
- <https://stackoverflow.com> [accessed at: 12.01.2019]
- <https://www.wikipedia.org> [accessed at: 14.01.2019] |