

**SRI DHARMASTHALA MANJUNATHESHWARA
COLLEGE (AUTONOMOUS),**

UJIRE-574240

DEPARTMENT OF COMPUTER SCIENCE



Certified for the approval of Project Report

This is to certify **Pruthviraj B, 200220** of 3rd B.Sc. has satisfactorily completed the project "**Student Wallet**" for B.Sc. Computer Application degree prescribed by the college during the academic year 2022-2023.

Mr. Shailesh Kumar

HEAD OF THE DEPARTMENT

Mrs. Deepa R.P.

PROJECT GUIDE

Dr. B A Kumara Hegde

PRINCIPAL

Examiners:

- 1.
- 2.

DECLARATION

DECLARATION

I hereby declare that this project work entitled “**Student Wallet**” has been prepared by us during the year 2022-23 under the guidance of **Mrs. Deepa R.P.** Assistant Professor, Department of Computer Science SDM College in the partial fulfillment of B.Sc. degree prescribed by the college.

I also declare that this project is the outcome of our own efforts, that it has not been submitted to any other university for the award of any degree.

Pruthviraj B

200220

ACKNOWLEDGEMENT

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I would like to thank our principal **Dr. B. A. Kumara Hegde** for his support. We also thank **Mr. Shailesh Kumar**, HOD, department of Computer Science, SDM College Ujire for these valuable suggestions.

I would like to thank Assistant Professor **Mrs. Deepa R.P.** department of Computer Science, SDM College Ujire for their help and for providing guidance in developing the project.

Pruthviraj B

200220

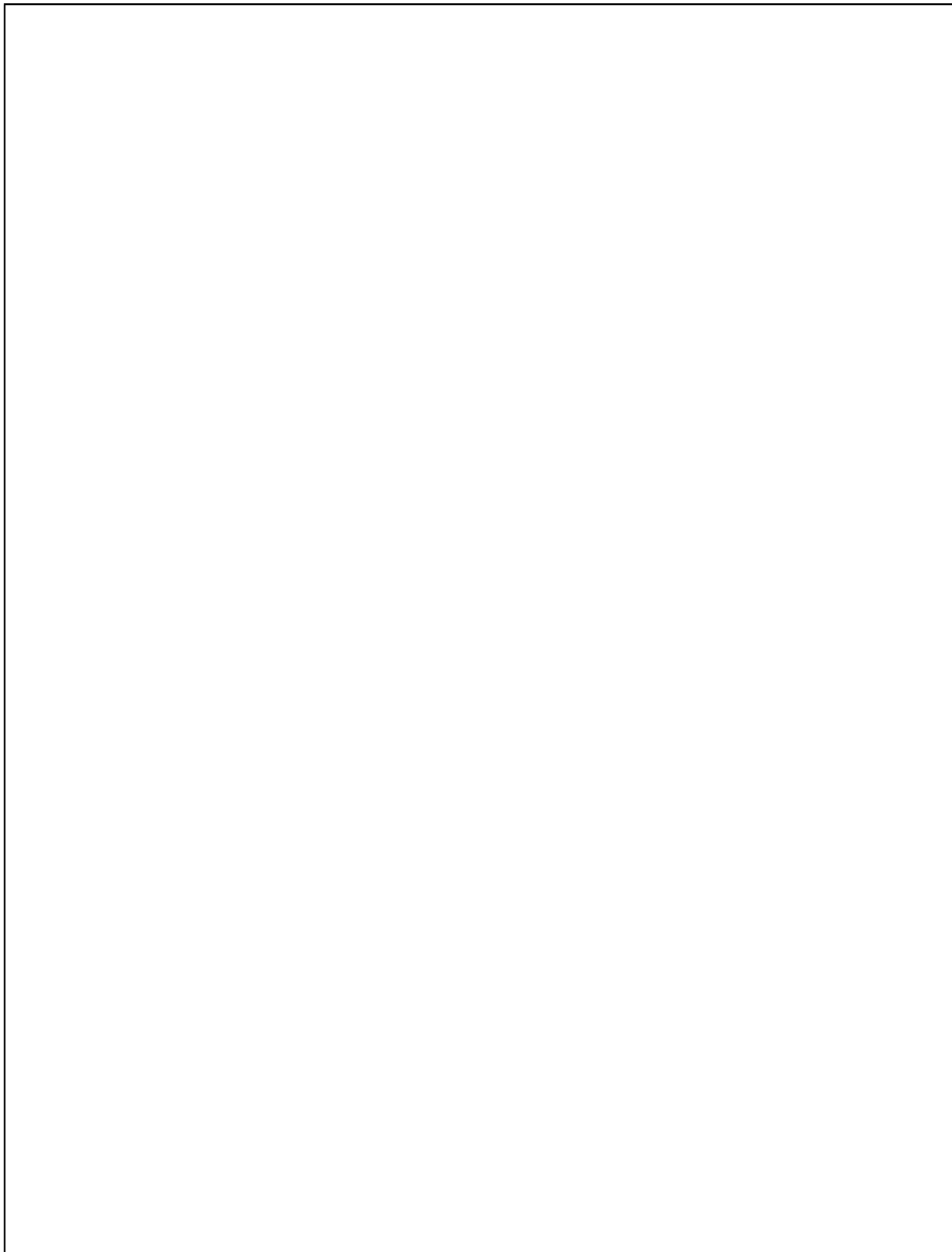
STUDENT WALLET

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SYNOPSIS



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Title of the Project: Student Wallet

'Student Wallet' is a computer software development project aimed at providing a convenient and secure payment solution for school and college students. The software allows students to make payments at school stores, offices, and canteens by simply scanning the barcode on their college id card. This eliminates the need for carrying cash and streamlines the payment process for both students and school staffs.

Languages used:

Front End: VB.NET

Back End: MS ACCESS

Reference/Industry/Organization name:

UPI

Team Members:

SLNO	ROLL NUMBER	NAME	SIGNATURE
2	200220	Pruthviraj B	

Guide Name: Mrs. Deepa R. P

DESCRIPTION ABOUT THE SOFTWARE

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Introduction about VB.Net

Visual basic.Net(vb.net) is an object oriented computer programming language implemented on the .NET frame work .Although it is an evolution of classic visual basic language ,it is not back words - compatible with VB6 and any code written in the old version does not compile under VB.NET.

Like all the .NET Language, VB.NET has complete support for object oriented concepts. Everything in VB.NET is an object, including all of the primitive types(short ,integer ,long ,string ,Boolean etc) and use defined types ,events and assemblies. All objects inherit from the base class object.

VB.NET is implemented by Microsoft's .NET Framework. Therefore, it has full access to all the libraries in the .NET Framework. It is also possible to run VB.NET, not only under Windows, but even Linux or MacOS.

Visual basic 6.0 available on three conditions:

1.Standard edition: It is used to write application to windows 95 and windows XP. It is used in 64-bit version .Standard edition contains standard controls(list box ,checkbox and soon).It includes the VB development environment, setup wizard ,setup kits ,icon files and sample applications.

2.Professional edition: This is used by professional programmers .It includes all features of standard edition plus addition customs controls, crystal reports book online help ,Microsoft windows help ,editor, resource compiler ,Data Access Object(DAO) and other tools image editor you can see the data control to gain access to open database such as Microsoft server Sybase and oracle.

3. Enterprise edition :It is used to build client-server application : it includes all features of professional edition plus source code control ,remote OLE automation ,remote database access tools ,component manager and data explorer .when we start visual basic for the first time ,the project wizard will open and we will notice new project dialog box .from this window we can select from several types .Has 3 tabs New ,existing and recent.

Features of visual basic:

***Based on the basic language:**

Learning time is minimal because vb.net is based on the basic language which is concerned to one of the best known simplest language available.

*** Programming objects and events:**

A typical windows application one or more screen full objects with which the use inters in order to determine the flow of the program .In the simplest visual sense , programming object are the applications forms and object are application forms and objects are list boxes , drop down, controls check boxes, radio button, scroll bars etc .Any such graphical user interface contains forms and control remains silent until an event in the form of the key press or a mouse click. Once the event occurs the use expects each object to open a dialog box or a series of key strokes and captured and displayed in a text control.