VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI,590018,Karnataka

INTERNSHIP REPORT

ON

"PORTFOLIO HOTEL WEBSITE"

Submitted inpartialfulfilmentforthe awardofdegree(18CSI85)

BACHELOR OF ENGINEERING IN YOUR BRANCH

Submitted by:

AMRUTHA RM

1SW20CS400

LOGO Ex:

Conducted at
Varcons Technologies Pvt Ltd

College Logo

SRI BASAVESHWARA INSTITUTE OF TECHNOLOGY
Department of Computer Science Engineering
TIPTUR-572202

AccreditedbyNBA,NewDelhi

SRI BASAVESHWARA INSTITUTE OF TECHNOLOGY
Department of Computer Science Engineering
TIPTUR-570022
Accredited by NBA,NewDelhi

College Logo

CERTIFICATE

This is to certify that the Internship titled **"PORTFOLIO HOTEL WEBSITE"** carried out by **MS.AMRUTHA RM,**a bonafide student of Sri BASAVESHWARA Institute ofTechnology,inpartialfulfillmentfortheawardof**BachelorofEngineering**,in**BRANCH**under VisvesvarayaTechnologicalUniversity,Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have beenincorporatedin thereport.

TheprojectreporthasbeenapprovedasitsatisfiestheacademicrequirementsinrespectofInternsh ipprescribedfor thecourse Internship/ProfessionalPractice (18CSI85)

Signature ofGuide   **SignatureofHOD**   **SignatureofPrincipal**

ExternalViva:

Name oftheExaminer   Signaturewith Date

1)

2)

DECLARATION

I,**AMRUTHA RM**, third year student of Computer Science Engineering,Sri Basaveshwara institute of technology -572202, declare that the Internshiphasbeensuccessfullycompleted,in**Varcons Technologies Pvt Ltd**. This report is submitted in partialfulfillment of the requirementsfor award of Bachelor Degree in Branch name, duringtheacademicyear2022-2023.

Date:10/10/2022   :

Place : TIPTUR

USN:1SW20CS400

NAME:AMRUTHA RM

OFFER LETTER PROVIDED BY THE COMPANY

InternshipOfferLetter

Varcons Technologies Pvt Ltd

Date: **14th October, 2022**

Name: **Amrutha Rani** USN:
1sw20cs400

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Varcons Technologies Pvt Ltd**, effective Start Date **14th October, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Spoorthi H C
Director
Varcons Technologies Pvt Ltd
213, 2st Floor,

18 M G Road, Ulsoor,
Bangalore-560001

SS

ACKNOWLEDGEMENT

ThisInternshipisaresultofaccumulatedguidance,directionandsupportofseveralimportant persons.We take this opportunityto expressour gratitude to all who have helpedustocompletetheInternship.

WeexpressoursincerethankstoourPrincipal,forprovidingusadequatefacilitiestoundertakethisInternship.

We would like to thank our Head of Dept –branch code, for providing us anopportunityto carryoutInternshipandfor hisvaluableguidanceandsupport.

We would like to thank our (Lab assistant name) Software Services forguidingusduringtheperiodofinternship.

We express our deep and profound gratitude to our guide, Guide name,Assistant/Associate Prof,forherkeeninterestandencouragementat every step in completingtheInternship.

We would liketo thank all the faculty members of our department for the support extendedduringthecourse ofInternship.

We would like to thank the non-teaching members of our dept, forhelping us duringtheInternship.

Last but not the least, we would like to thank our parents and friends without whose constanthelp,thecompletion ofInternshipwould have notbeenpossible

NAME: AMRUTHA RM
USN:1ST21CS193

<u>ABSTRACT</u>

The project is about portfolio hotel website.The one who can know about our hotel and menu offered by our hotel.We can reserve/book a table for any particular time and date by using this website

Here we have used HTML,CSS and JavaScript to make the project.HTML is used for designing the web page whereas CSS is used for styling purpose,And JavaScript is used for function.

Please visit our website by below link

http://amrutharm.website2.me/

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CHAPTER 1

COMPANY PROFILE

1. <u>COMPANY PROFILE</u>

A Brief History of Varcons Technologies

Varcons Technologies, was incorporated with a goal "To provide high quality andoptimal Technological Solutions to business requirements of our clients". Every business is adifferent and has a unique business model and so are the technological requirements. Theyunderstand this and hence the solutions provided to these requirements are different as well.They focus on clients requirements and provide them with tailor made technological solutions.They also understand that Reach of their Product to its targeted market or the automation ofthe existingprocess intoe-client andsimpleprocess arethe keyfeaturesthat ourclientsdesire from Technological Solution they are looking for and these are the features that wefocuson whiledesigningthesolutionsfortheirclients.

Sarvamoola Software Services. is a Technology Organization providing solutions for all webdesign and development, MYSQL, PYTHON Programming, HTML, CSS, ASP.NET andLINQ. Meeting the ever increasing automation requirements, Sarvamoola Software Services.specializeinERP,Connectivity,SEOServices,ConferenceManagement,effectivewebpr omotionandtailor-madesoftwareproducts,designingsolutionsbestsuitingclientsrequirements.

Varcons Technologies, strive to be the front runner in creativity and innovation insoftware development through their well-researched expertise and establish it as an out of theboxsoftwaredevelopmentcompanyinBangalore,India.Asasoftwaredevelopmentcompany, they translate this software development expertise into value for their customersthroughtheirprofessional solutions.

They understand that the best desired outputcan be achievedonly by understandingtheclients demand better. Varcons Technologies work with their clients and help them todefiinetheirexactsolutionrequirement.Sometimeseventheywonderthattheyhavecompletely redefined their solution or new application requirement during the brainstormingsession, and here they position themselves as an IT solutions consulting group comprising ofhighcaliberconsultants.

They believe that Technology when used properly can help any business to scale and achievenew heights of success. It helps Improve its efficiency, profitability, reliability; to put itin one sentence " Technology helps you to Delight your Customers" and that is what we wanttoachieve.

CHAPTER 2

ABOUT THE COMPANY

2. <u>ABOUT THE COMPANY</u>

Varcoons Technologies is a Technology Organization providing solutions for all webdesign and development, MYSQL, PYTHON Programming, HTML, CSS, ASP.NET andLINQ. Meeting the ever increasing automation requirements, Varcons TechnologiesspecializeinERP,Connectivity,SEOServices,ConferenceManagement,effectivewebpromotionandtailor-madesoftwareproducts,designingsolutionsbestsuitingclientsrequirements.The organization where they have a right mix of professionals as a stakeholderstohelpusserveourclientswithbestofourcapabilityandwithatparindustrystandards.They have young, enthusiastic, passionate and creative Professionals to develop technologicalinnovations in the field of Mobile technologies, Web applications as well as Business andEnterprise solution. Motto of our organization is to "Collaborate with our clients to providethem with best Technological solution hence creating Good Present and Better Future for ourclient which will bring a cascading a positive effect in their business shape as well". Providing a Complete suite of technical solutions is not just our tag line, it is Our Vision for Our Clients and for Us, Westrivehard toachieveit.

ProductsofVarcons Technologies.

AndroidApps

It is the process by which new applications are created for devices running the Androidoperating system. Applications are usually developed in Java (and/or Kotlin; or other suchoption) programming language using the Android software development kit (SDK), but otherdevelopment environments are also available, some such as Kotlin support the exact sameAndroidAPIs(and bytecode),whileotherssuchasGohave restricted APIaccess.

The Android software development kit includes a comprehensive set of development tools.These include a debugger, libraries, a handset emulator based on QEMU, documentation,sample code, and zutorials. Currently supported development platforms include computersrunning Linux (any modern desktop Linux distribution), Mac OS X 10.5.8 or later, andWindows 7 or later. As of March 2015, the SDK is not available on Android itself, butsoftwaredevelopmentis possible by using specializedAndroidapplications.

Web Application

It is a client–server computer program in which the client (including the user interface andclient- sidelogic) runsina webbrowser.Commonwebapplications includewebmail,online

retail sales, online auctions, wikis, instant messaging services and many other functions. webapplicationsusewebdocumentswritteninastandardformatsuchasHTMLandJavaScript,which haresupportedbyavarietyofwebbrowsers.Webapplicationscanbeconsideredasaspecifificvariant ofclient–

serversoftwarewheretheclientsoftwareisdownloadedtotheclientmachinewhenvisitingthereleva ntwebpage,usingstandardprocedures such as HTTP. The Client web software updates may happen   each   time   the

webpageisvisited.Duringthesession,thewebbrowserinterpretsanddisplaysthepages,andacts   as the universal client for any web application. The use of web application frameworkscan often reduce the number of errors in a program, both by making the code simpler, and byallowing one team to concentrate on the framework while another focuses on a specifified usecase. In applications which are exposed to constant hacking attempts on the Internet, security-relatedproblemscan becausedby errorsin theprogram.

FrameworkscanalsopromotetheuseofbestpracticessuchasGETafterPOST.Therearesomewhovie wawebapplicationasatwo-

tierarchitecture.Thiscanbea"smart"clientthatperformsalltheworkandqueriesa"dumb"server,ora" dumb"clientthatreliesona"smart"server.Theclientwouldhandlethepresentationtier,theserverwoul dhavethedatabase(storagetier),andthebusinesslogic(applicationtier)wouldbeononeofthemoronbo th.Whilethisincreasesthescalabilityoftheapplicationsandseparatesthedisplayandthedatabase,itstil ldoesn"tallowfortruespecializationoflayers,somostapplicationswilloutgrowthismodel.Anemergi ngstrategyforapplicationsoftwarecompaniesistoprovidewebaccesstosoftwarepreviouslydistribut edaslocalapplications.Dependingonthetypeofapplication,itmayrequirethedevelopmentofanentire lydifferentbrowser-

basedinterface,ormerelyadaptinganexistingapplicationtousedifferentpresentationtechnology.The seprogramsallowtheusertopayamonthlyoryearlyfeeforuseofasoftwareapplicationwithouthavingt oinstallitonalocalharddrive.Acompanywhichfollowsthisstrategyisknownasanapplicationservice provider(ASP),andASPsarecurrentlyreceivingmuchattention inthesoftwareindustry.

Security breaches on these kinds of applications are a major concern because it can involveboth enterprise information and private customer data. Protecting these assets is an importantpart of any web application and there are some key operational areas that must be included   inthedevelopmentprocess. Thisincludesprocessesforauthentication,authorization,assethandling, input, and logging and auditing. Building security into the applications from thebeginningcanbemoreeffective andless disruptive in thelong run.

Web design

It is encompasses many different skills and disciplines in the production and maintenance ofwebsites. The different areas of web design include web graphic design; interface design;authoring,includingstandardizedcodeandproprietarysoftware;userexperiencedesign;and search engine optimization. The term web design is normally used to describe the designprocess relating to the front-end (client side) design of a website including writing mark up.Web design partially overlaps web engineering in the broader scope of web development.Web designers are expected to have an awareness of usability and if their role involvescreatingmarkupthentheyarealsoexpectedtobeuptodatewithwebaccessibilityguidelines. Webdesign partially overlapsweb engineering inthe broader scope of webdevelopment.

Departmentsandservicesoffered

Varcons Technologies plays an essential role as an institute, the level of education,development of student's skills are based on their trainers. If you do not have a good mentorthen you may lagin many things from others and that is why we at Varcons Technologies gives youthe facility of skilled employeesso thatyou donot feelunsecured aboutthe academics. Personality development and academic status are some of those things whichlie on mentor's hands. If you are trained well then you can do well in your future andknowing itsimportance ofVarcons Technologies alwaystriestogiveyou thebest.

They have a great team of skilled mentors who are always ready to direct their trainees in thebestpossiblewaytheycanandtoensuretheskillsofmentorsweheldmanyskilldevelopment programs as well so that each and every mentor can develop their own skillswiththedemandsofthecompaniesso that theycan prepare acompletepackagedtrainee.

ServicesprovidedbyVarcons Technologies.

• CoreJava and Advanced Java

• Web servicesanddevelopment

• Dot NetFramework

• Python

• SeleniumTesting

• Conference /EventManagement Service

• AcademicProjectGuidance

• OnTheJob Training

• Software Training

CHAPTER 3

INTRODUCTION

3. <u>INTRODUCTION</u>

IntroductiontoWebApps

Web applications are similar to the traditional applications you'd install on your Information,such as Microsoft Office. They are able to perform the same kinds of tasks, they look thesame and they feel the same but there is one key difference - the application itself is notinstalled on your phone or Information, but lives in the cloud. Web apps are not new, but itused to be that they were often unable to compete with more traditional applications forbusiness critical functions or where rich user interaction was required. This is no longer thecase.Withthepowerofmodernwebtechnologies,weareabletodesignandbuildperforming, secure, and feature rich applications that live in the cloud and bring with them ahugenumber of benefits.

1. Theycan be accessed from anywhere.

- Because web applications are built with web technologies and they run in a web browserInternet Explorer, Google Chrome, Mozilla Firefox – this allows them to be accessedfrom every web enabled tool. As long as you have an internet connection you can usethem.

- It allows for remote working, it allows for rapid publishing of content, it allows for realtime collaboration between teams. If you have web access, you have the ability to accessyourbusiness tools.

2. Theyare costeffective.

- Web applications are cheaper to produce and maintain than traditional applications. Nomatter how many platforms your business uses (Mac, Linux, Windows) web applicationbuildcan be used across them all.

3. Theybenefitfrom morerapidupdatecycles.

- Ahugebenefitofwebapplicationsisthatwhenanupdateisreleased,allofyourusersare immediatelyusingthat version.Thisdoesn'thappen withinstalledapplications,especially inlarge organizations with ITpoliciesthat restrict administratoraccess.

4. Theyare secure.

- Web developers have had to become experts in security – the web is a platform designedto share everything with everyone! As such, the types and levels of security included inwebapplicationsareoftenfar greaterthanthoseseen in traditionalapplications.

- They also benefit from the ability to launch updates in real-time – the application on theservers is the application people are using. The applications on people's laptops howeveris the version last installed. And when those laptops get left on a train it's not a concern,asnothingisstoredlocally.

5. Theyenable morecomputing withfewer Information.

- Web applications push all of the hard work to the servers, and act as intermediariesbetween the user interface and the calculations happening behind the scenes. This meansyou can accomplishterrifyinglycomplexworkon atablet,oryourphone.

- We've built web applications that allow people to understand the complex relationshipsbetween 250,000 pieces of art on their phones, and applications that run the businesssystemsofoneofthelargestsolarenergyprovidersintheworld.Oftentheseproductsare not financiallyviabletobuildusing traditionalapplicationprocesses.

ProblemStatement

Develop an application which facilitates creation of web pages having a need to install anyHTML editor based software and also which can be used by any novice user (no HTMLknowledge needed) that is developing web pages on the online. This module is designed toreduce the process involved in managing the activity of customers and business where thebusiness cansell theirservicesandthecustomerscanbuy those.

IntroductiontoB2CEcommerceWebsiteDevelopmentwithAdminPanel

B2CE-commercewebsitecontentproviderstofocusoncreatingeffectiveassessmentquestions and focusing on providing a platformfor easy access between Buyer and Consumer.

Here we present techniques that are pertinent to the elements of assessment process: answerssubmission,Informationizedgrading,andfeedbackaftersubmission.Asthemodernorgani zations are automated and Informations are working as per the instructions, it becomesessentialfor thecoordinationofhumanbeings,commodityandInformationsin amodern

organization.

CHAPTER 4

SYSTEM ANALYSIS

4.<u>SYSTEM ANALYSIS</u>

1. ExistingSystem:Core i7 windows 11 8gb ram 256ssd

2. ProposedSystem:Core i3 or more,4gb ram

3. ObjectiveoftheSystem:if processor of your pc is good then project run smoothly

CHAPTER 5

REQUIREMENT ANALYSIS

5. REQUIREMENT ANALYSIS

HardwareRequirementSpecification

- MySQL

- NODE JS

- Notepad++Editor

- Processor:Intelcorei5 processer

- Memory:15.6 GB

- Hard Disk:40 GB

SoftwareRequirementSpecification

A] FunctionalRequirements
- Visual studio code
- Figma
- Mango DB Compass
- goland

B] Non-FunctionalRequirements

- **Availability**

The onlineregistrationsystemshall permitbackingupofthe registrationdatabasewhileotherregistrationactivesaregoing on.

- **Accessibility**

The system shall be accessible by people with specific vision needs to the extent that a usershall be able to display whole user interface in a larger font without truncating displayed textorothervalues.
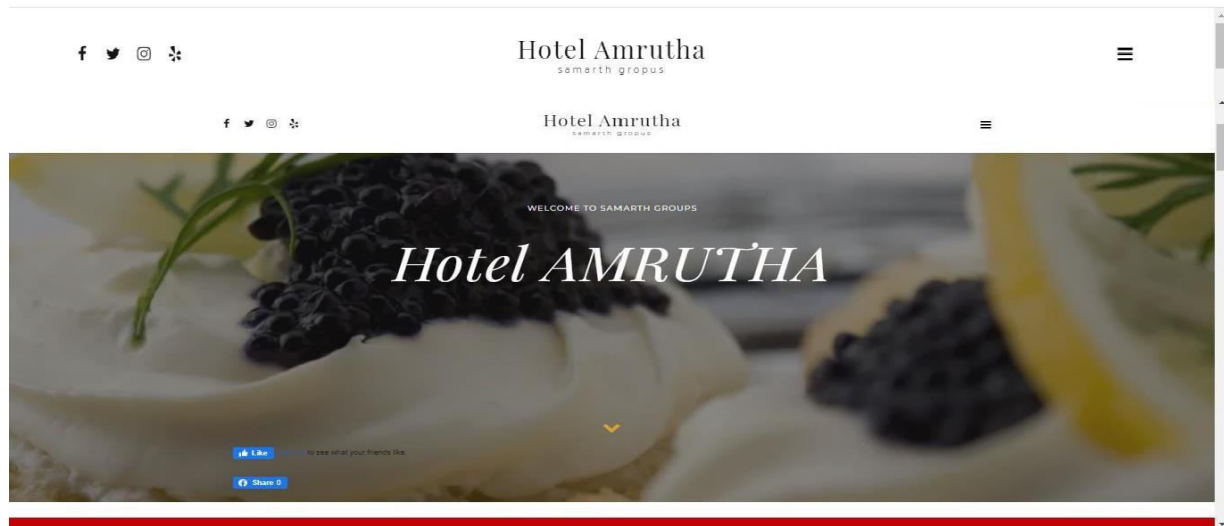
- **Security**

Theaccesspermissionsforsystemdatamayonlybechangebythesystemsdataadministratorpasswor ds shallneverbeviewable atthepointofentryoranyothertime.

CHAPTER 6

DESIGN ANALYSIS

6. <u>DESIGN&ANALYSIS</u>

Hotel AMRUTHA

An iconic and the most distinguished address situated in the heart of the capital, The Hotel Amrutha is reminiscent of a golden era in India's history. A luxury hotel, the Amrutha has an awe-inspiring heritage interwoven in colonial elegance and dwells in its modern delivery of old-style class and magnificence. The royal palms that lead up to the porch are an integral part of and witness to the very creation of Tiptur. Stroll through its art laden corridors and you'll feel history come alive. The iconic heritage wrapped in the colonial elegance takes you back in time, making a fabulous impression. On arrival, another world opens up filled with Victorian charm and luxury while you revel in the days of the Raj or seek pleasure on your plate at the award-winning restaurants. Intricate details, space and greenery over eight acres of manicured gardens fashion this royal destination. A 5 star hotel with an award-winning Imperial spa that is known for its holistic treatments and magnificence, it promises to take you back in time. Come and stay with us and your stay will stay with you forever.

Our wellness initiative 'I Care' welcomes you back to your favourite hotel, featuring complete well-being measures for guests and associates. Re-live memories and make new ones as you stay or dine with us while we take care of your health and safety!

CHAPTER 7

IMPLEMENTATION

7. <u>IMPLEMENTATION</u>

Implementation is the stage where the theoretical design is turned into a working system. Themost crucial stage in achieving a new successful system and in giving confidence on the newsystemfor theusersthat itwillworkefficiently andeffectively.

The system can be implemented only after thorough testing is done and if it is found to workaccording to the specification. It involves careful planning, investigation of the currentsystem and it constraints on implementation, design of methods to achieve the change overandanevaluationofchangeovermethods apartfromplanning.

Two major tasks of preparing the implementation are education and training of the users andtesting of the system. The more complex the system being implemented, the more involvedwillbethesystem analysisanddesigneffortrequiredjustfor implementation.

The implementation phase comprises of several activities. The required hardware andsoftware acquisition is carried out. The system may require some software to be developed.For this, programs are written and tested. The user then changes over to his new fully testedsystemandtheold system isdiscontinued.
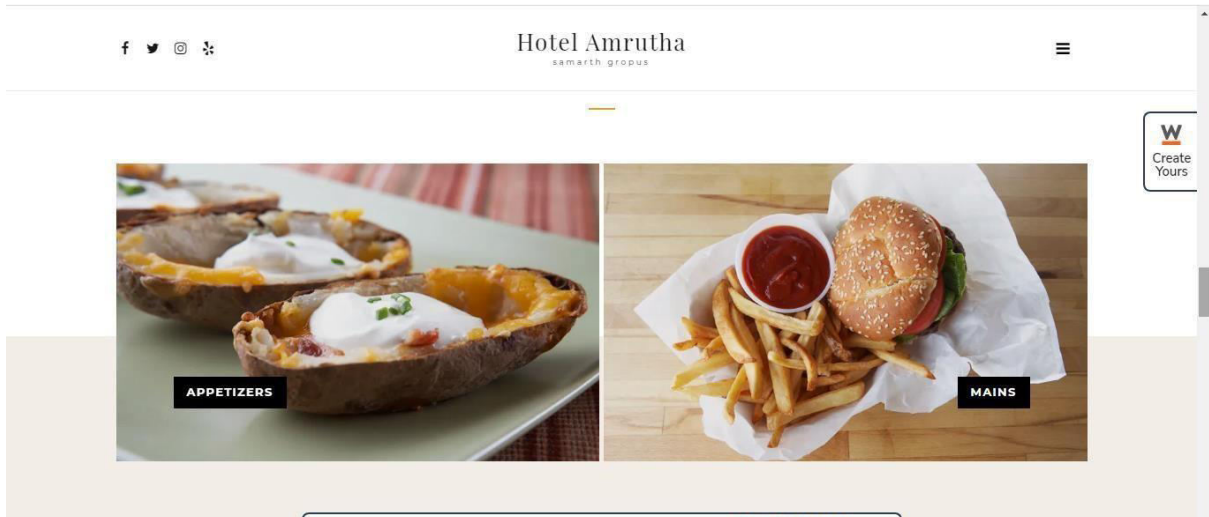
TESTING

The testing phase is an important part of software development. It is the Information zedsystem will help in automate process of finding errors and missing operations and also acomplete verification to determine whether the objectives are met and the user requirementsaresatisfied.Software testing is carriedout inthree steps:

1. The first includes unit testing, where in each module is tested to provide itscorrectness,validity and also determine any missing operations and to verify whether theobjectiveshave been met. Errors arenoteddownandcorrected immediately.

2. Unit testing is the important and major part of the project. So errors are rectified easily inparticular module and program clarity isincreased. In this project entire system is dividedinto several modules and is developed individually. So unit testing is conducted toindividualmodules.

3. The second step includes Integration testing. It need not be the case, the software whosemodules when run individually and showing perfect results, will also show perfectresultswhenrunasawhole.

CHAPTER 8
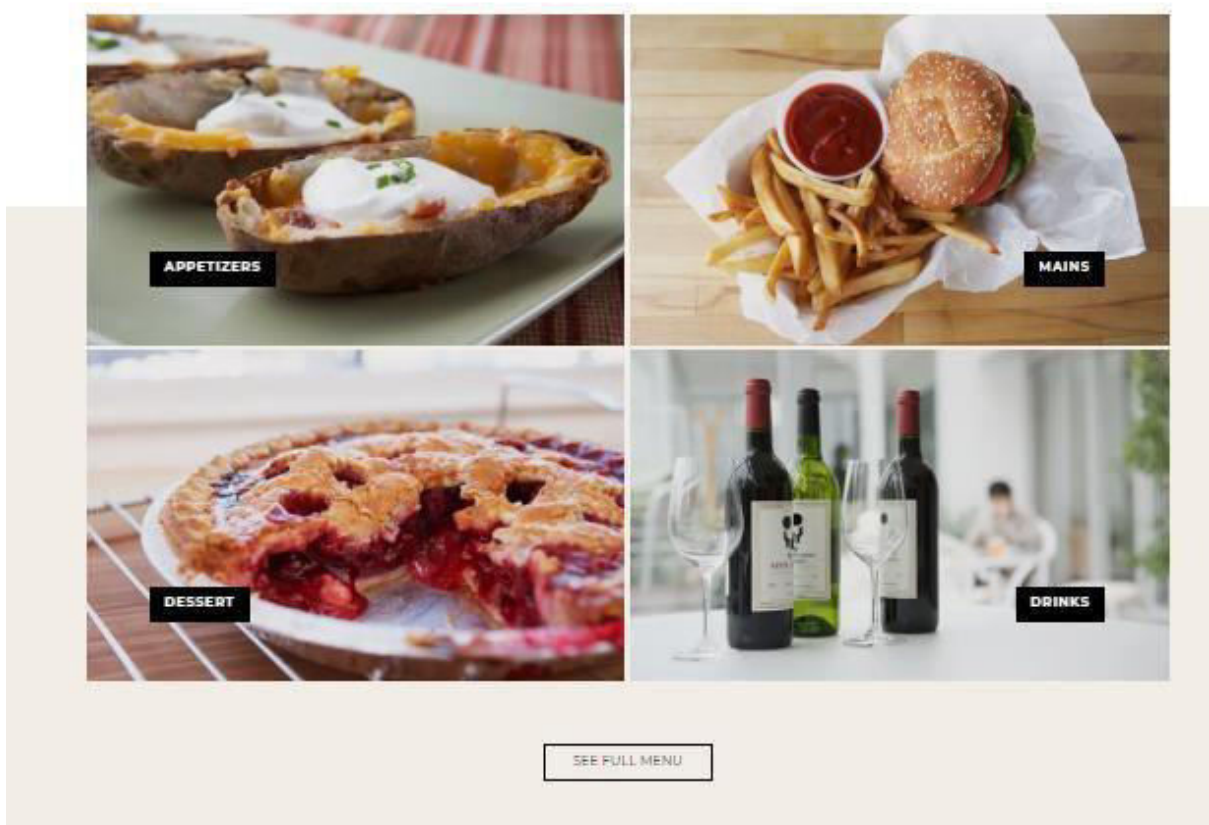
SNAP SHOTS

8. SNAPSHOTS

Location Map

Make Reservation

MAKE A RESERVATION

Please note that we are currently only
taking dinner reservations at this
time. .

Hotel Amrutha
Hasan Circle
Tiptur

Mob: 89047 10976

Email: hotelamrutha@gmail.com

Name	
Email	

Date

mm/dd/yyyy

Time

5:30pm

Comments

I'm not a robot

Contact

Hotel Amrutha
Hasan Circle
Tiptur

Mob: 89047 10976

Email: hotelamrutha@gmail.com

CHAPTER 9

CONCLUTION

9. <u>CONCLUTION</u>

The package was designed in such a way that future modifications can be done easily.
Thefollowing conclusionscan bededucedfromthedevelopmentoftheproject:

- ❖ Automationoftheentire systemimprovestheefficiency

- ❖ It provides a friendly graphical user interface which proves to be better when comparedtotheexistingsystem.

- ❖ Itgivesappropriateaccessto theauthorizedusersdependingon theirpermissions.

- ❖ Iteffectivelyovercomesthedelayin communications.

- ❖ Updatingofinformationbecomes so easier

- ❖ Systemsecurity,datasecurityandreliability arethestrikingfeatures.

- ❖ TheSystemhasadequatescope formodificationinfuture ifitis necessary.

10. <u>REFERENCE</u>

https://code.visualstudio.com/
https://calc.takeiteasyengineers.com/
https://www.w3schools.com/