



# **Fecality of Science and Engineering**

Department of Computer Science of Engineering  
CSE 498 Project and Presentation

Project Title:

**Auto Pilot:** Web analysis tool and user tracking system.



## **Supervisor**

**Ataulah Bhuiyan**

Senior Lecturer & Coordinator, Dept. of CSE  
City University

## **Presented By**



**Mushahadur Rahman Khan**

ID: 1834902513



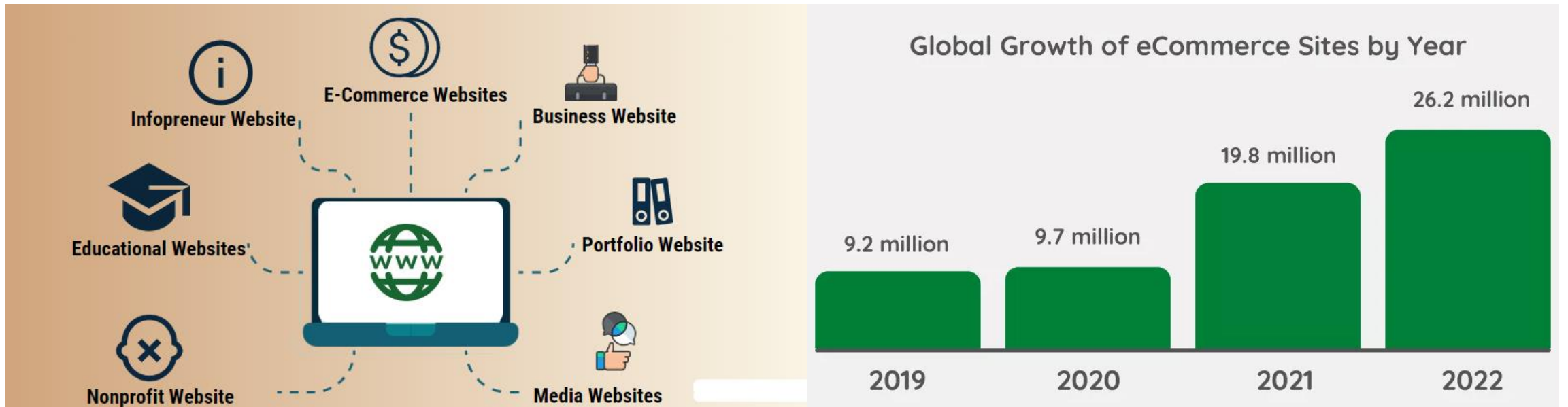
**Hasibul Islam**

ID: 182482526

## Presentation Outline:

- Introduction
- Problem Statement
- Background study
- Existing work
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- Features
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# Introduction:



## Problem Statement:



## Background study and Existing work:

Exsisting Project	Project Features								
	Device Tergating	Geography & Country Targeting	City Tergating	Gender Tergating	Age Tergating	User activity	Traffic and Engagement	Site Speed Report	Generate Keywords
Hotjar	Yes	Yes	Yes	Yes	No	Yes	No	No	No
similarweb	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
semrush	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
chartbeat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
ahrefs	No	Yes	No	No	No	No	Yes	Yes	Yes
statcounter	Yes	Yes	Yes	Yes	No	Yes	No	No	No
openwebanalytic	Yes	Yes	Yes	No	No	Yes	Yes	No	yes

## Motivation and Objectives:

- To help customize all types of websites including e-commerce websites in the right way.
- To help ensure entrepreneurs with accurate information.
- Every website user can find and improve their website errors.



# Features

- Register with Google or GitHub.
- Traffic and Engagement
- Geography & Country Tracking
- Audience Demographics
- Generate Keywords
- Authorization and Authentication

## Scope and Future work

- User Analysis and For Product and Boosting
- Tracking Exact Location
- Suggest Related or another services
- Datamining for using AI/ML
- Extra Facilities for premium members
- Making boot for SEO.
- Automatic Set Keyword for Individual Post

## Using Technology

Particular	The Technologies That Can Be Used
Programming Language	PHP 7.2 +
CMS	Laravel or Node JS
Designing	HTML5, CSS3, Bootstrap4, React JS
Others Scripting	JavaScript, JQuery
Database	MySQL or MongoDB
API Development	Laravel Lumen, Google Auth API, Others

# Development Requirements

To develop a project a medium configured computer is needed.  
Below the minimum requirements given:

- CPU: core i3 6th
- RAM: 4 GB
- Hard Disk: 500 GB
- Apache server
- Node JS Server
- PHP Parser
- MySQL / MongoDB Database

# Development Tools

Some of the tools that I will use for development are mentioned below:

- PHP Storm
- Web Storm
- Visual Studio Code
- XAMPP / WAMP Server
- Postman
- Adobe XD

## Budget

A draft of the estimated cost to complete this project is presented.

Title	Amount For BDT
Background Study and Requirements Analysis	50000
UI / UX Designing	45000
Frontend Development	115000
Bckend Development	140000
API Development	45000
Deploy and Maintenance	35000
1 Year Services	120000
<b>Total</b>	<b>600000</b>

## Target User:



Personal team working.



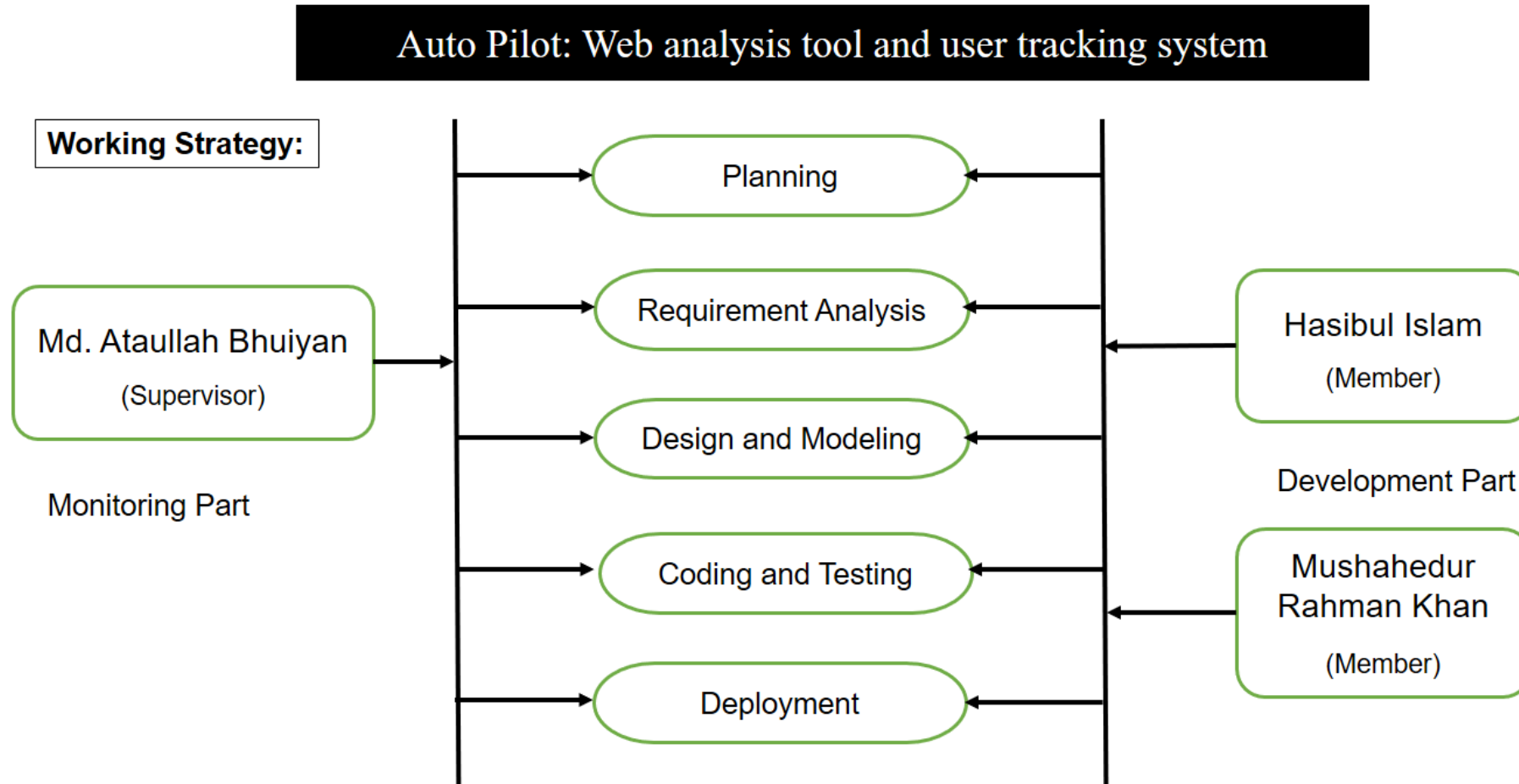
Single or multiple companies  
(Startup to Middle East).

Time Limit:

01/08/2022 to 31/10/2022 approximately three months



## Team Work Distribution:



## Gantt Chart:

### Auto Pilot: Web analysis tool and user tracking system

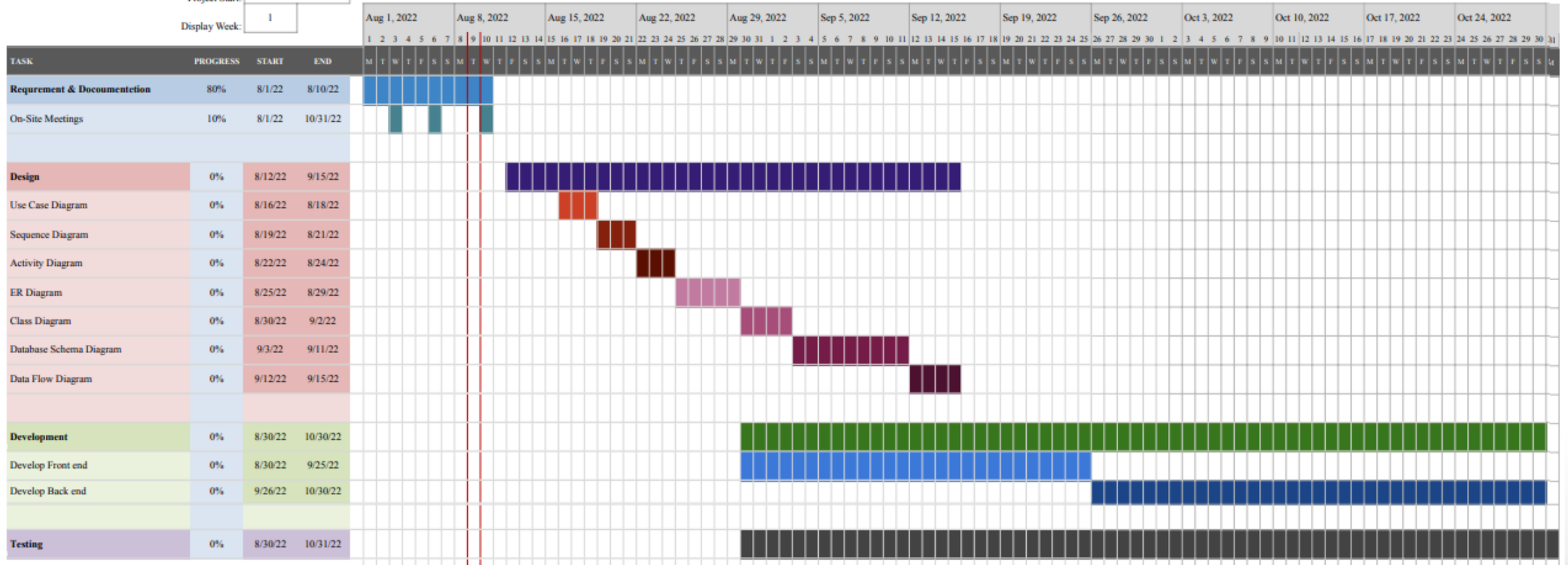
### Gantt Chart

Project Start:

Mon, 8/1/2022

Display Week:

1



## Limitations Of Your Project:

- Insufficient storage
- Lack of sufficient data

## Conclusion:

Using our website analysis system, users can register with us here and then provide the URL of their website, and we will create a code on their entire site based on the address of the URL. When you update your site's index tag, it will be activated in our system, which shows the user an overview of the site where he can learn how much time he has spent online and what percentage of men and women are on the site. We can give him good advice on how he can improve his website if he wants and he can find the right competitor for this competition.

## References: