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ABSTRACT

The plagiarism is a widespread and one of the growing problems in the internet. The problem of plagiarism has caused problems for individuals and corporates on levels unexpected.

The traditional manual detection of plagiarism by humans is a tedious task, inaccurate, and time-consuming process. This project, Plagiarism Terminator aims at creating an online, free to use web- based plagiarism-detection system that can help to find plagiarism.

We hope to solve the problem of plagiarism through this project and thus make our contribution to help the society face such expensive and common day to day issue.

LIST OF FIGURES

| FIGURE NO | TITLE | PAGE NO |
|-----------|------------------------------------|---------|
| 1 | Work Break down Structure | |
| 2 | Timeline – Gantt Chart | |
| 3 | SWOT Analysis | |
| 4 | System Architecture | |
| 5 | Use Case Diagram | |
| 6 | Class Diagram | |
| 7 | Entity Relationship Diagram | |
| 8 | Level – 0 Data Flow Diagram | |
| 9 | Level – 1 Data Flow Diagram | |
| 10 | Sequence Diagram | |
| 11 | Collaboration Diagram | |
| 12 | UI Screen Shots | |

LIST OF ABBREVIATIONS

| | |
|-------|---|
| WBS | WORK BREAKDOWN STRUCTURE |
| ER | ENTITY RELATIONSHIP |
| RMMM | RISK MITIGATION MONITORING MANAGEMENT |
| DFD | DATA FLOW DIAGRAM |
| SWOT | STRENGTH WEAKNESS OPPORTUNITIES THREATS |
| CAPEX | CAPITAL EXPENDITURE |
| OPEX | OPERATIONAL EXPENDITURE |
| GANTT | GENERALIZED ACTIVITY NORMALIZATION TIME TABLE |
| UI | USER INTERFACE |
| UX | USER EXPERIENCE |



DEPT. Of NWC

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 1 |
| Title of Experiment | To identify the Software Project, Create Business Case, Arrive at a Problem Statement |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 17-03-2022 |

Mark Split Up

| S.No | Description | Maximum Mark | Mark Obtained |
|--------------|-------------|--------------|---------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

To Frame a project team, analyze and identify a Software project. To create a business case and Arrive at a Problem Statement for the <title of the project>

Team Members:

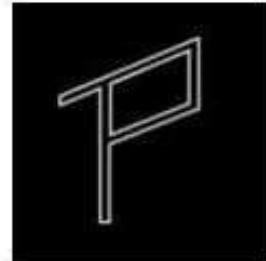
| Sl No | Register No | Name | Role |
|-------|-----------------|-------------------|--------|
| 1 | RA2011030010052 | Aditya A R | Lead |
| 2 | RA2011030010031 | Adhin Jibil | Member |
| 3 | RA2011030010044 | S Shanthosh Sivan | Member |

Project Title: Plagiarism Terminator

Project Description

BUSINESS CASE

| | |
|--------------|--|
| DATE | 17-03-2022 |
| SUBMITTED BY | Aditya A R, Adhin Jibil, Shanthosh Sivan |
| TITLE | Plagiarism Terminator |



THE PROJECT

- Plagiarism is a widespread issue that has caused trouble at various levels, from corporates to schools.
- A check on plagiarism before publicizing the work helps from getting into deep troubles.
- This project aims to help people in various fields to check any work for plagiarism and make necessary changes if needed.

THE HISTORY

- The internet has a few websites that offer the services of checking for plagiarism like 'Grammarly' and 'Dupli Checker'
- Most of these websites are either not quite efficient or are paid applications.

LIMITATIONS

- Lack of special training

APPROACH

Skills in computing languages:

- Python
- HTML
- CSS
- JavaScript

BENEFITS

- This project can avoid potential copyright infringement cases by comparing the work with other publications and void all the plagiarism.
- It can also help find if a work is a copy of another and what part of it has been copied.

Result

Thus, the project team was formed, the project is described, the business case was prepared and the problem statement was arrived.



Department of Networking and Communications

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Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 2 |
| Title of Experiment | Identification of Process Methodology and Stakeholder Description |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 24/03/22 |

Mark Split Up

| S.No | Description | Maximum Mark | Mark Obtained |
|--------------|-------------|--------------|---------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

To identify the appropriate Process Model for the project and prepare Stakeholder and User Description.

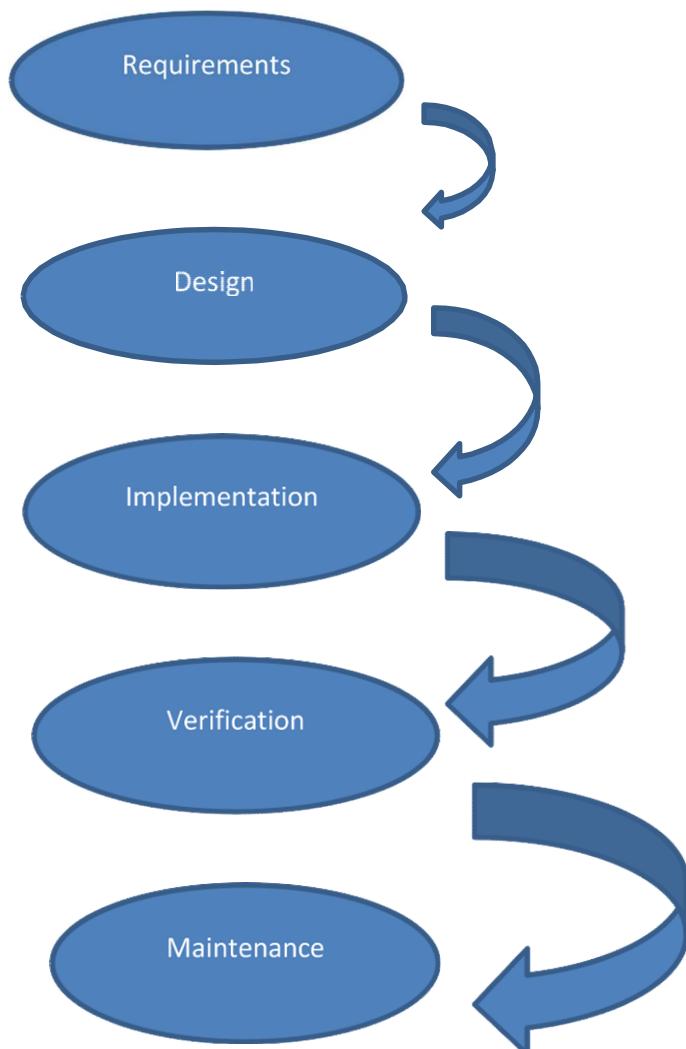
Team Members:

| Sl No | Register No | Name | Role |
|-------|-----------------|-----------------|------------|
| 1 | RA2011030010052 | Aditya A R | Rep/Member |
| 2 | RA2011030010031 | Adhin Jibil | Member |
| 3 | RA2011030010044 | Shanthosh Sivan | Member |

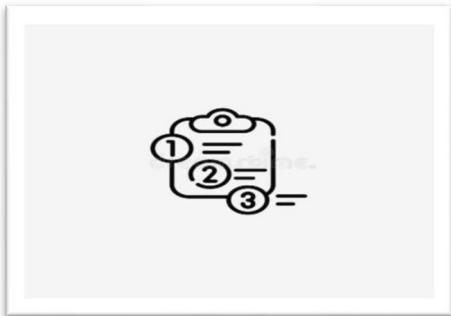
Project Title:

Selection of Methodology

- Waterfall Methodology

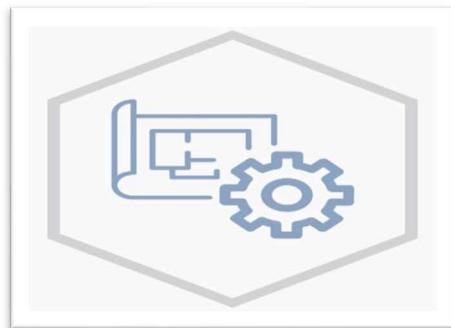


Requirements:



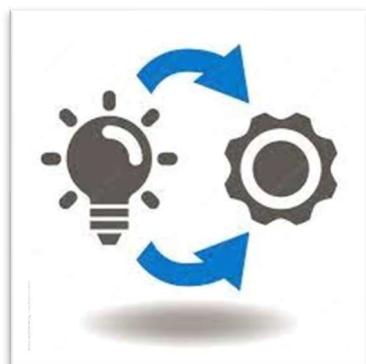
All possible requirements of the system to be developed are captured in this phase and documented in a requirement specification document.

System Design:

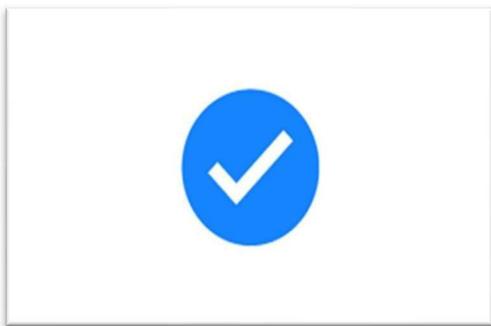


| | Minimum | Recommended |
|------------------------|----------|-------------|
| Processor | 1.5 GHz | 2.5 GHz |
| Memory (RAM) | 2 GB | 4 GB |
| Available disk storage | 50 MB | 100 MB |
| Available disk storage | 4.5.1 | 4.7.1 |
| Internet Connection | 512 Kbps | 1 Mbps |

Implementation:



With inputs from the system design, the system is first developed in small programs called units, which are integrated in the next phase. Each unit is developed and tested for its functionality, which is referred to as Unit Testing.

Verification:

All the units developed in the implementation phase are integrated into a system after testing of each unit. Post integration the entire system is tested for any faults and failures.

Maintenance:

There are some issues which come up in the client environment. To fix those issues, patches are released. Also to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

Incorporate information to below table regarding stakeholders of the project [Make use of below examples]

| Stakeholder Name | Activity/ Area /Phase | Interest | Influence | Priority (High/ Medium/ Low) |
|------------------|-------------------------|----------|-----------|------------------------------|
| Owner | Accomplish targets | High | High | 1 |
| Web Developer | Programming | High | High | 2 |
| Pen Tester | Testing | Med | Med | 3 |
| Project Manager | Planning and Organizing | High | Med | 2 |
| End User | User | Low | Med | 3 |

Figure 1: Power/Interest Grid for Stakeholder Prioritization



Result

Thus the Project Methodology was identified and the stakeholders were described.



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Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 3 |
| Title of Experiment | System, Functional and Non-Functional Requirements of the Project |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 30.3.2022 |

Mark Split Up

| S.No | Description | Maximum Mark | Mark Obtained |
|--------------|-------------|--------------|---------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

To identify the system, functional and non-functional requirements for the project.

Team Members:

| S No | Register No | Name | Role |
|------|-----------------|-------------------|------------|
| 1 | RA2011030010052 | Aditya A R | Rep/Member |
| 2 | RA2011030010031 | Adhin Jibil | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

Project Title: Plagiarism Terminator

System Requirements

- OS: Windows 8 or later/macOS Sierra 10.12 or later/ 64-bit Ubuntu 14.04+, Android or iOS.
- Processor: Intel, Snapdragon
- Memory: 2 GB minimum, 4 GB recommended
- Internet connection
- Any Web Browser – Chrome, Safari, Firefox, etc.,

Functional Requirements

- Easy to use UI
- Accessible on various devices
- Capable for repeated usage
- Ability to compare one document with several other documents.

Non-Functional Requirements

- Reliability
- Speed in processing
- High Availability

Result

Thus the requirements were identified and accordingly described.



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Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 4 |
| Title of Experiment | Prepare Project Plan based on scope, Calculate Project effort based on resources and Job roles and responsibilities |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 6.4.2022 |

Mark Split Up

| S.No | Description | Maximum Mark | Mark Obtained |
|--------------|-------------|--------------|---------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

To Prepare Project Plan based on scope, Calculate Project effort based on resources, Find Job roles and responsibilities

Team Members:

| Sl No | Register No | Name | Role |
|-------|-----------------|-------------------|------------|
| 1 | RA2011030010052 | Aditya A R | Rep/Member |
| 2 | RA2011030010031 | Adhin Jibil | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

1. Project Management Plan

Schedule Management:

1) Defining Milestones

| | |
|---|---------|
| To develop front-end of the website | 7 days |
| To develop back-end of the website | 7 days |
| To integrate the font-end and back-end | 2 days |
| To design UI/UX for the website | 5 days |
| To incorporate the UI in the website | 5 days |
| To test the application and fix the flaws | 7 days |
| Final rollout for customers | 10 days |

2) Schedule Control

- We have to regularly monitor the status of the task.
- If a task is not achieved within the timeframe extra deployment of the workforce may be required in such scenarios.
- We have to update schedules in order to achieve the timeline goals.

Stakeholders :

| Stakeholder Name | Activity/ Area /Phase | Interest | Influence | Priority (High/ Medium/ Low) |
|------------------|-------------------------|----------|-----------|------------------------------|
| Owner | Accomplish targets | High | High | 1 |
| Web Developer | Programming | Med | High | 3 |
| Tester | Testing | Med | High | 2 |
| Project Manager | Planning and Organizing | High | Med | 2 |
| End User | User | Med | Med | 1 |

Cost Management :

2. Estimation

2.1. Effort and Cost Estimation

| Activity Description | Sub-Task | Sub-Task Description | Effort (in hours) | Cost in INR |
|----------------------|--|---|-------------------|-------------|
| Frontend Development | E1R1A1T1 (Effort-Requirement-Activity-Task) | Designing the UI | 4 | 2000 |
| | E1R1A1T2 | interactive and user friendly interface | 2 | 1000 |
| Backend Development | E1R1A1T3 | Dynamic Code according to the need, implemented in any language | 8 | 4000 |
| Marketing | E3RA3T1 | Finding potential investors | 5 | 2500 |
| Project Coordination | E4R4A4T1 | Coordinating team members and ensuring smooth workflow | 10 | 5000 |

| Effort (hr) | Cost (INR) |
|-------------|------------|
| 1 | 500 |

2.2. Infrastructure/Resource Cost [CapEx]

< OneTime Infra requirements >

| Infrastructure Requirement | Qty | Cost per qty | Cost per item |
|----------------------------|-----|--------------|---------------|
| Workplace | 1 | 100000 | 100000 |
| Pc's | 4 | 60000 | 240000 |
| Wifi | 1 | 3500 | 3500 |
| server | 1 | 75000 | 75000 |

2.3 Maintenance and Support Cost [OpEx]

| Category | Details | Qty | Cost per qty per annum | Cost per item |
|-----------------|--|-----|------------------------|---------------|
| People | Network, System, Middleware. Developer , Tester | 3 | 2,000,000 | 6,000,000 |
| License | Operating System Database Middleware IDE | 10 | 10000 | 100,000 |
| Infrastructures | Server, Storage and Network | 10 | 10000 | 200,000 |

3. Project Team Formation

3.1 Identification Team members

| Name | Role | Responsibilities |
|-------------------|-----------------------------------|---|
| Aditya | Key Business User (Product Owner) | Provide clear business and user requirements |
| Shanthosh | Project Manager | Manage the project |
| Adhin | Business Analyst | Discuss and Document Requirements |
| Aditya | Technical Lead | Design the end to end architecture |
| Adhin | UX Designer | Design the user experience |
| Adhin | Frontend Developer | Develop user interface |
| Aditya, Shanthosh | Backend Developer | Design, Develop and Unit Test Services/API/DB |
| Shanthosh | Tester | Define Test Cases and Perform Testing |

3.2. Responsibility Assignment Matrix

| RACI Matrix | | Team Members | | | |
|--------------------------------|-----------|------------------|------------------------|-------------------|-------|
| Activity | Name (BA) | Name (Developer) | Name (Project Manager) | Key Business User | |
| User Requirement Documentation | | A | C/I | I | R |
| | | Aditya | All the members | Shanthosh Sivan | Adhin |

| | |
|---|-------------|
| A | Accountable |
| R | Responsible |
| C | Consult |
| I | Inform |

Result:

Thus, the Project Plan was documented successfully.



Department of Networking and Communications

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 5 |
| Title of Experiment | Prepare Work breakdown structure, Timeline chart, Risk identification table |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin JIbil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 13 .4.2022 |

Mark Split Up

| S.No | Description | Maximum Mark | Mark Obtained |
|--------------|-------------|--------------|---------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

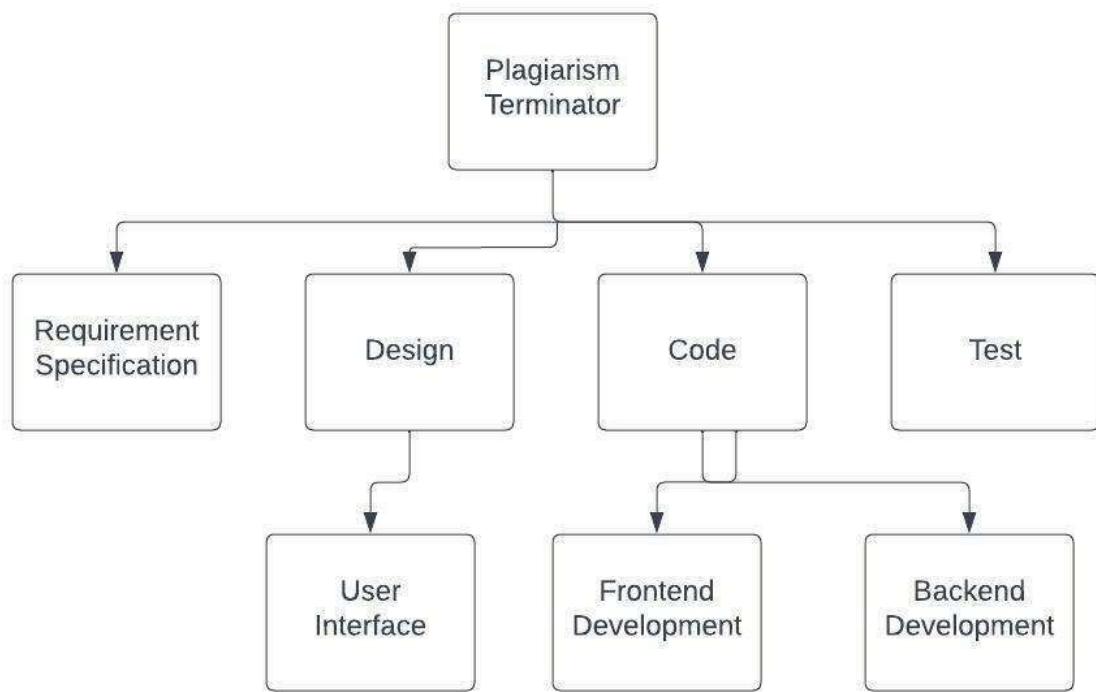
To Prepare Work breakdown structure, Timeline chart and Risk identification table

Team Members:

| Sl No | Register No | Name | Role |
|-------|-----------------|-------------------|--------|
| 1 | RA2011030010052 | Aditya A R | Rep |
| 2 | RA2011030010031 | Adhin Jibil X | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

<Incorporate WBS, Timeline chart and Risk table>

Work Breakdown Structure :



GANTT CHART



Risk Table:

| Risk summary | Risk probability (%) | Mitigation |
|---------------------------------------|--------------------------|---|
| System malfunction | 25% | Periodic maintenance and testing and preparing the damaged part |
| Member absence | 10% | Schedule and work accordingly |
| Communication problem between members | 20% | Perform timely meetings ,good communication |
| Loss of Data | 20% | Backup |
| Unexpected results | 5% | Perform requirement analysis carefully right from the beginning |

Result:

Thus, the work breakdown structure with timeline chart and risk table were formulated successfully.



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Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|--|
| Experiment No | 6 |
| Title of Experiment | Design a System Architecture, Use Case and Class Diagram |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 20.04.22 |

Mark Split Up

| S.No | Description | Maximum Mark | Mark Obtained |
|--------------|--------------------|---------------------|----------------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

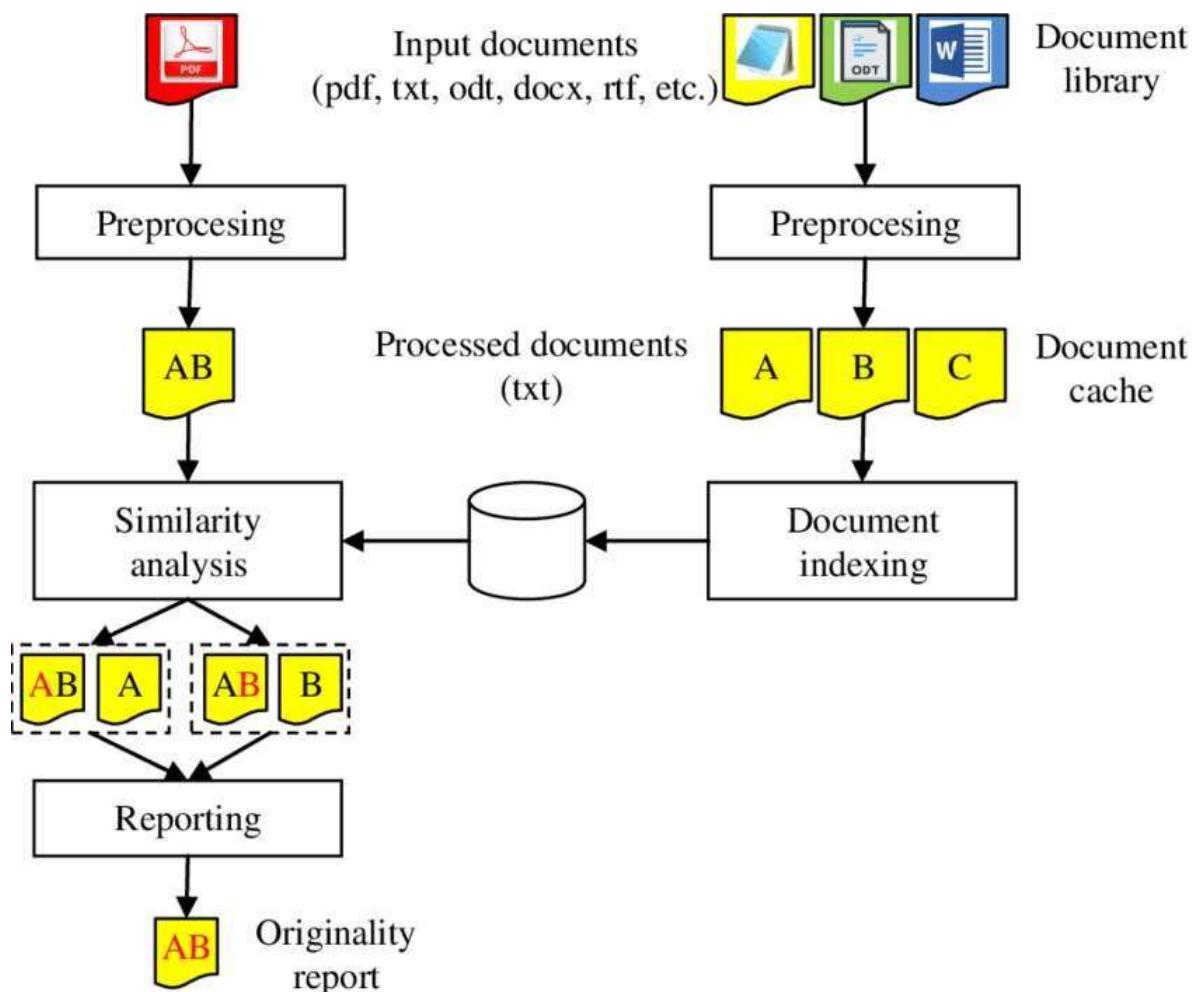
Aim

To Design a System Architecture, Use case and Class Diagram

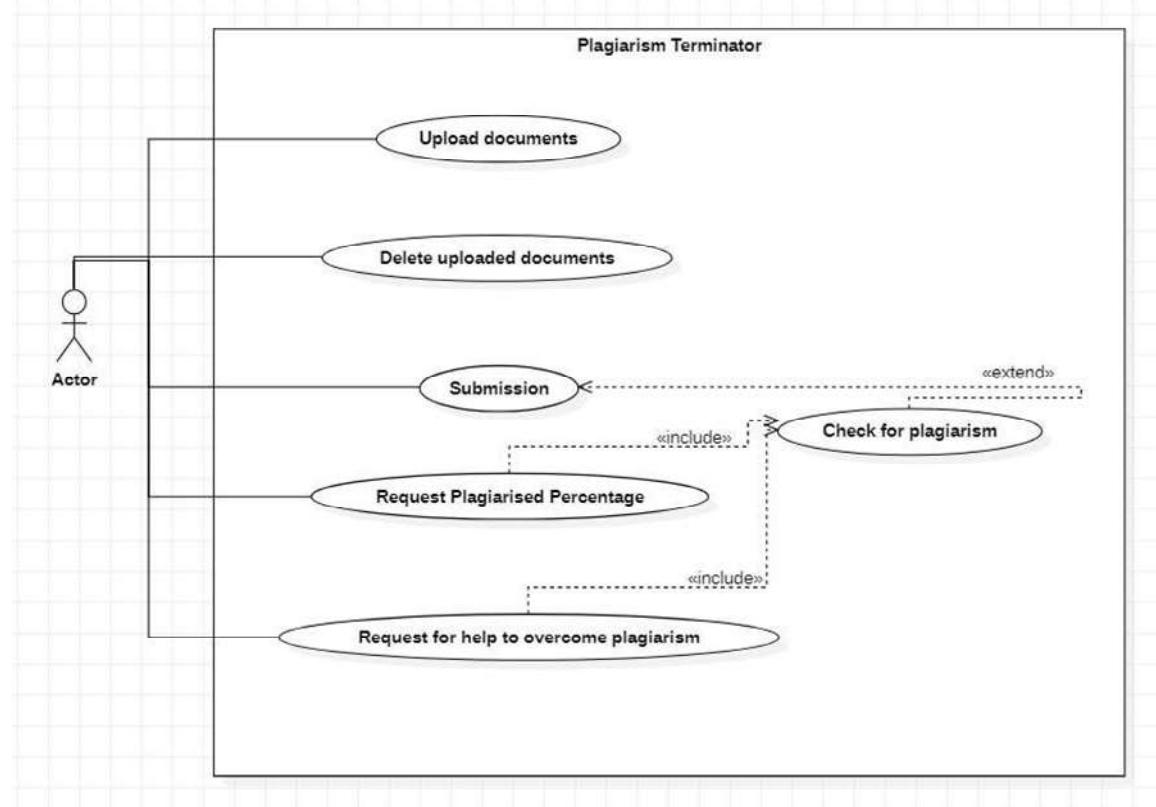
Team Members:

| SI No | Register No | Name | Role |
|-------|-----------------|-------------------|--------|
| 1 | RA2011030010052 | Aditya A R | Rep |
| 2 | RA2011030010031 | Adhin Jibil X | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

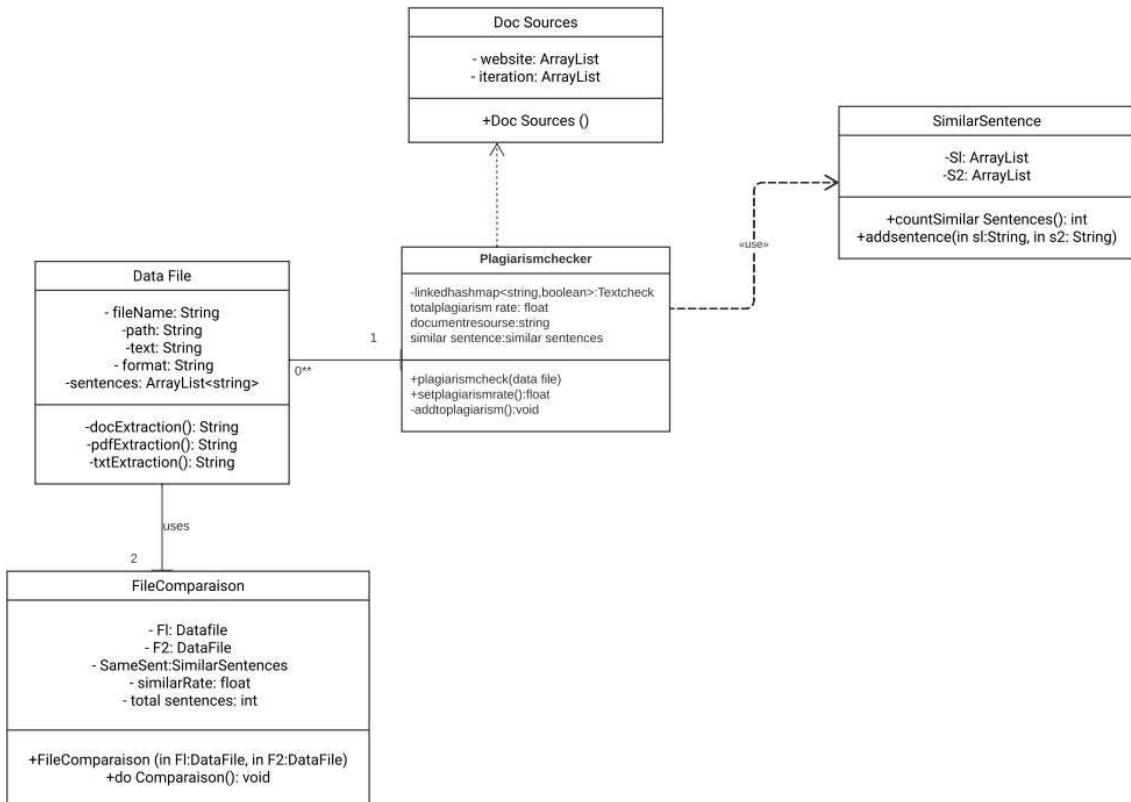
SYSTEM ARCHITECTURE



USE CASE DIAGRAM



CLASS DIAGRAM



Result:

Thus, the system architecture, use case and class diagram created successfully.



School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 7 |
| Title of Experiment | Design a Entity relationship diagram |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 4.5.2022 |

Mark Split Up

| S. No | Description | Maximum Mark | Mark Obtained |
|--------------|--------------------|---------------------|----------------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

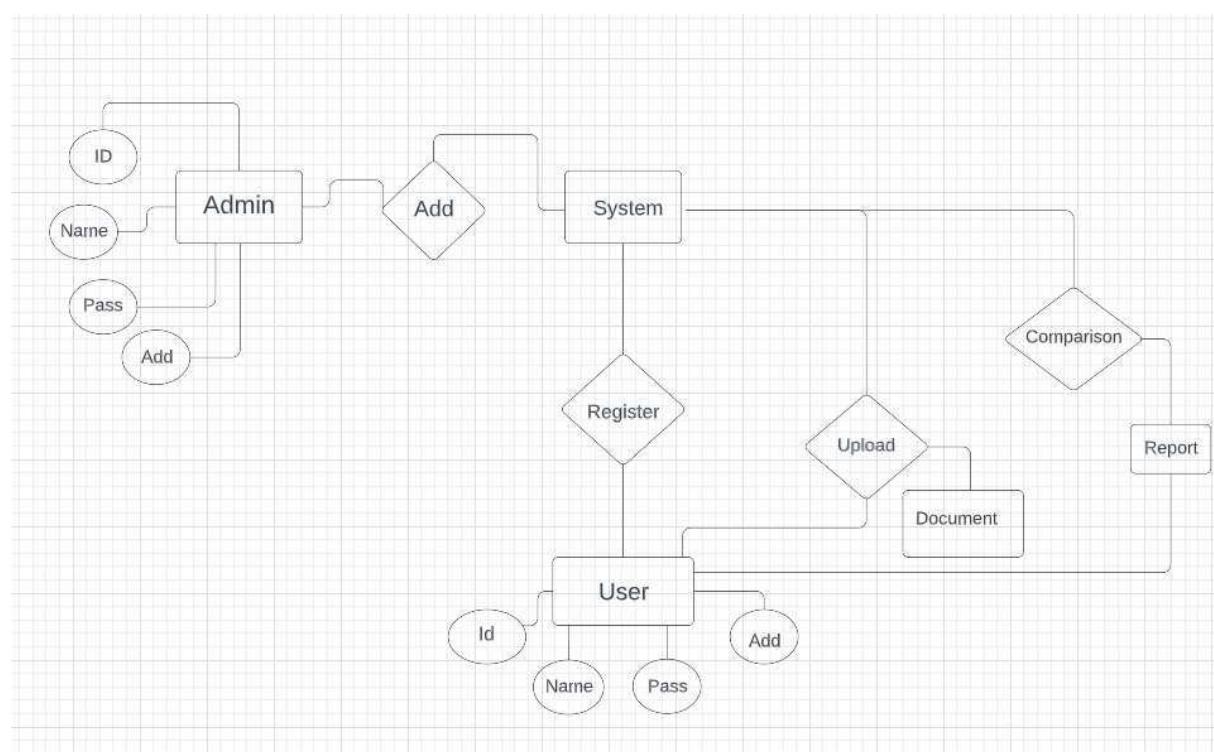
Aim

To create the Entity Relationship Diagram

Team Members:

| S No | Register No | Name | Role |
|------|-----------------|-------------------|--------|
| 1 | RA2011030010052 | Aditya A R | Rep |
| 2 | RA2011030010031 | Adhin Jibil X | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

<ER Diagram >



Result:

Thus, the entity-relationship diagram was created successfully.



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Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 8 |
| Title of Experiment | Develop a Data Flow Diagram (Process-Up to Level 1) |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 11.5.2022 |

Mark Split Up

| S. No | Description | Maximum Mark | Mark Obtained |
|--------------|-------------|--------------|---------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

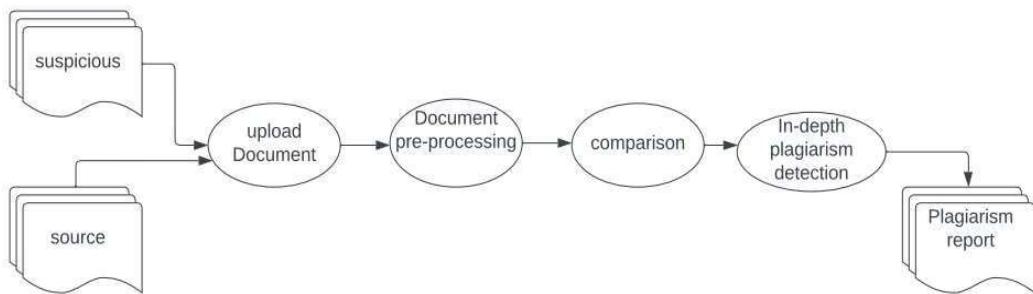
Staff Signature with date

Aim

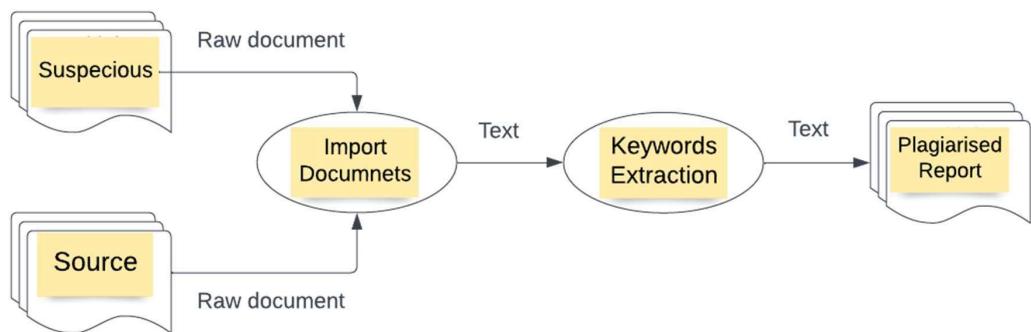
develop the data flow diagram up to level 1 for the <project name>

| S No | Register No | Name | Role |
|------|-----------------|-------------------|--------|
| 1 | RA2011030010052 | Aditya A R | Rep |
| 2 | RA2011030010031 | Adhin Jibil X | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

DFD Level 0:



DFD Level 1:



Result:

Thus, the data flow diagrams have been created for the Plagiarism Terminator.



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Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 9 |
| Title of Experiment | Design a Sequence and Collaboration Diagram |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 18.05.22 |

Mark Split Up

| S. No | Description | Maximum Mark | Mark Obtained |
|--------------|--------------------|---------------------|----------------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

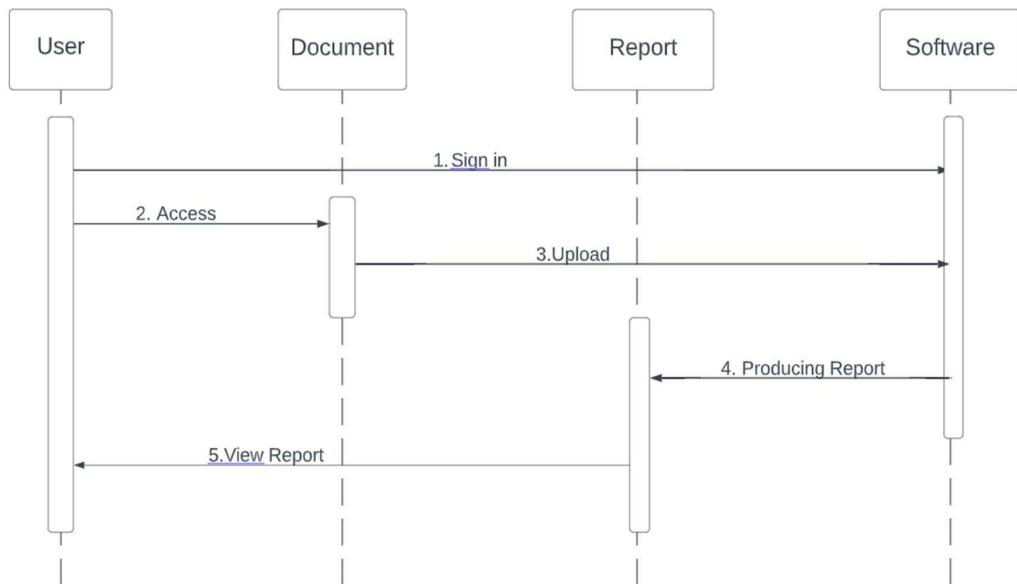
Aim

To create the sequence and collaboration diagram for the <project name>

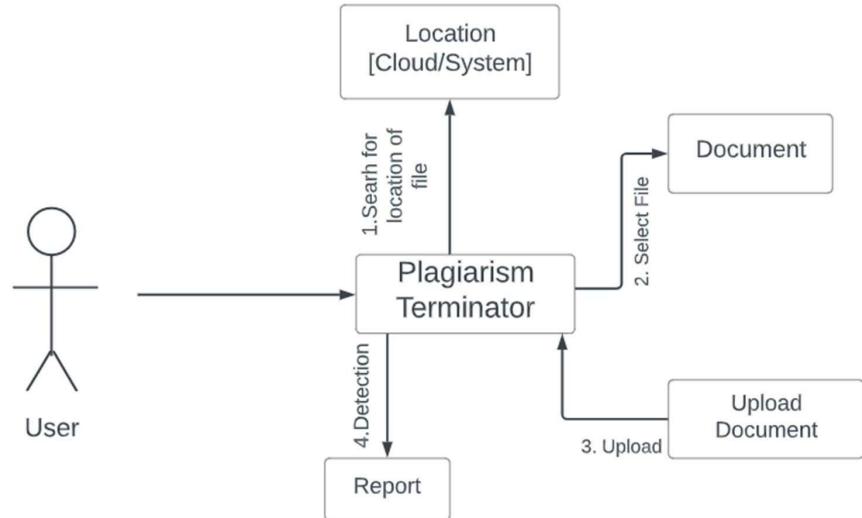
Team Members:

| S No | Register No | Name | Role |
|------|-----------------|-----------------|------------|
| 1 | RA2011030010052 | Aditya A R | Rep/Member |
| 2 | RA2011030010044 | Shanthosh Sivan | Member |
| 3 | RA2011030010031 | Adhin Jibil | Member |

Sequence Diagram



Collaboration Diagram



Result:

Thus, the sequence and collaboration diagrams were created for the Plagiarism Terminator project.



School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 10 |
| Title of Experiment | Develop a Testing Framework/User Interface |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin Jibil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 25.05.22 |

Mark Split Up

| S. No | Description | Maximum Mark | Mark Obtained |
|--------------|--------------------|---------------------|----------------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

To develop the testing framework and/or user interface framework for the Plagiarism Terminator.

Team Members:

| S No | Register No | Name | Role |
|------|-----------------|-------------------|------------|
| 1 | RA2011030010052 | Aditya A R | Rep/Member |
| 2 | RA2011030010031 | Adhin Jlbil X | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

<Incorporate the necessary information regarding testing/user interface of the project>

Executive Summary

Testing Framework

*Precision

*Granularity

* Plagdet

Test Plan

Precision: this is the fraction of the documents retrieved that are relevant to the user information needs.

Granularity: This measure was introduced to take care of overlapping or multiple detections for a single plagiarism case.

Plagdet: The overall score which comprises of the three measure was obtained

Scope of Testing

coverage: How much of the known plagiarism was found? How did the system deal with the original text?

usability: How smooth was the testing process itself? How understandable are the reports? How expensive is the system? Other usability aspects

Functional:

| Test Area | Input | Testing Method | Tools |
|-------------------|------------------------|-----------------|--|
| Document upload | File | Automated Tools | FUSE- Finding File Upload Bugs via Penetration Testing |
| Report Generation | Plagiarism test report | Automated tools | TestProject |
| Report Delivery | Plagiarism Report | Automated tools | TestProject |

Non-Functional:

| Test Area | Input | Testing Method | Tools |
|----------------|-----------------------------|-----------------|--------------|
| User Login | Login username and password | Automated Tools | BrowserStack |
| User Interface | Functional Requirements | Manual | Figma |

Result:

Thus, the testing framework/user interface framework has been created for the Plagiarism Checker.



SRM

INSTITUTE OF SCIENCE & TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act, 1956)

School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 11 |
| Title of Experiment | Test Cases & Manual Test Case Reporting |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin JIbil X |
| Register Number | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 01.06.22 |

Mark Split Up

| S. No | Description | Maximum Mark | Mark Obtained |
|--------------|--------------------|---------------------|----------------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

Aim

To develop the test cases and manual test case reporting for the Plagiarism Terminator.

Team Members:

| S No | Register No | Name | Role |
|------|-----------------|-------------------|--------|
| 1 | RA2011030010052 | Aditya A R | Rep |
| 2 | RA2011030010031 | Adhin Jibil X | Member |
| 3 | RA2011030010044 | Shanthosh Sivan S | Member |

Functional Test Cases

| Test ID | Test Scenario | Test Case | Execution Steps | Expected Outcome | Actual Outcome | Status | Remarks |
|---------|--------------------------------|-------------------------|--|----------------------------|----------------------------|--------|---------|
| 1 | Document Upload | Valid format, file size | 1.select the file 2.upload the file | Document is being verified | Document is being verified | Pass | Success |
| 2 | Document Upload | Large File Size | Document Upload Failed | Error Message | Error Message | Fail | Failure |
| 3 | Check The Plagiarism Detection | Plagiarised report | Plagiarism is detected | View Plagiarism Report | View Plagiarism Report | Pass | Success |

Non-Functional Test Cases

| Test ID | Test Scenario | Test Case | Execution Steps | Expected Outcome | Actual Outcome | Status | Remarks |
|---------|---|---------------------------------------|--|---|---|--------|---------|
| 1 | Verify User Registration | Provide appropriate Valid credentials | 1.User Login 2.Enters into the home page | User should be taken to the next page for uploading documents | User should be taken to the next page for uploading documents | Pass | Success |
| 2 | Verify User Registration | Invalid credentials | Login fails | Error Message | Error Message | Fail | Failure |
| 3 | Easy to understand and operate user interface | Usable buttons and lists | Usage of buttons and selection lists in place of fields where user needs to type in data | Easy to understand and less effort to enter data | Easy to understand and less effort to enter data | Pass | Success |

| Category | Progress Against Plan | Status |
|------------------------|------------------------------|---------------|
| Functional Testing | Green | Completed |
| Non-Functional Testing | Amber | In-Progress |
| | | |

| Functional | Test Case Coverage (%) | Status |
|--------------------|-------------------------------|---------------|
| User Login | 10% | Completed |
| Document Selection | 30% | Completed |
| Verification | 30% | Completed |
| Plagiarism Report | 30% | Completed |

Result:

Thus, the test case and manual test case reporting has been created for the Plagiarism Terminator.



School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

| | |
|------------------------------|---|
| Experiment No | 12 |
| Title of Experiment | Provide the details of Architecture Design/Framework/Implementation |
| Name of the candidate | Shanthosh Sivan S |
| Team Members | Aditya AR, Adhin JIbil X |
| Register Numbers | RA2011030010044, RA2011030010052, RA2011030010031 |
| Date of Experiment | 08.06.22 |

Mark Split Up

| S. No | Description | Maximum Mark | Mark Obtained |
|--------------|--------------------|---------------------|----------------------|
| 1 | Exercise | 5 | |
| 2 | Viva | 5 | |
| Total | | 10 | |

Staff Signature with date

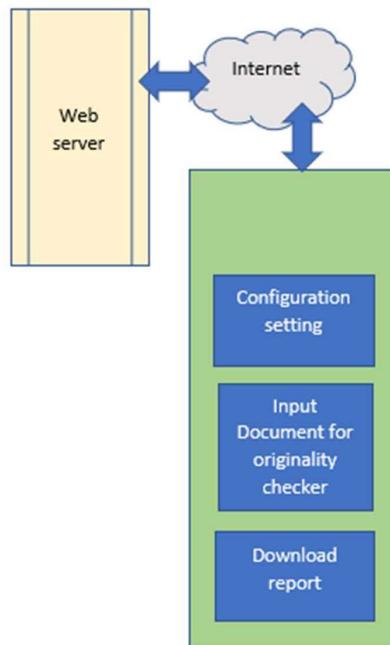
Aim

To provide the details of architectural design/framework/implementation

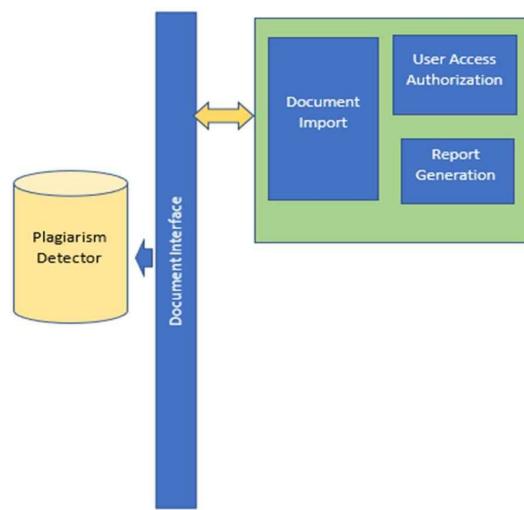
Team Members:

| S No | Register No | Name | Role |
|------|-----------------|-------------------|------------|
| 1 | RA2011030010052 | Aditya A R | Rep/Member |
| 2 | RA2011030010044 | Shanthosh Sivan S | Member |
| 3 | RA2011030010031 | Adhin Jibil X | Member |

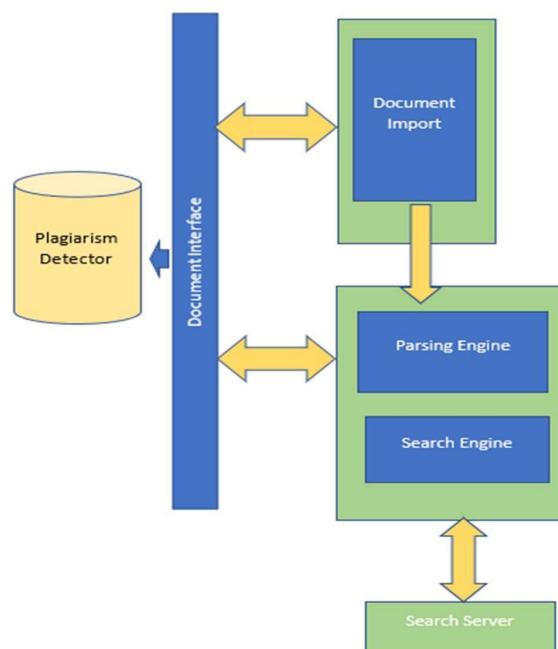
User-Website Interface



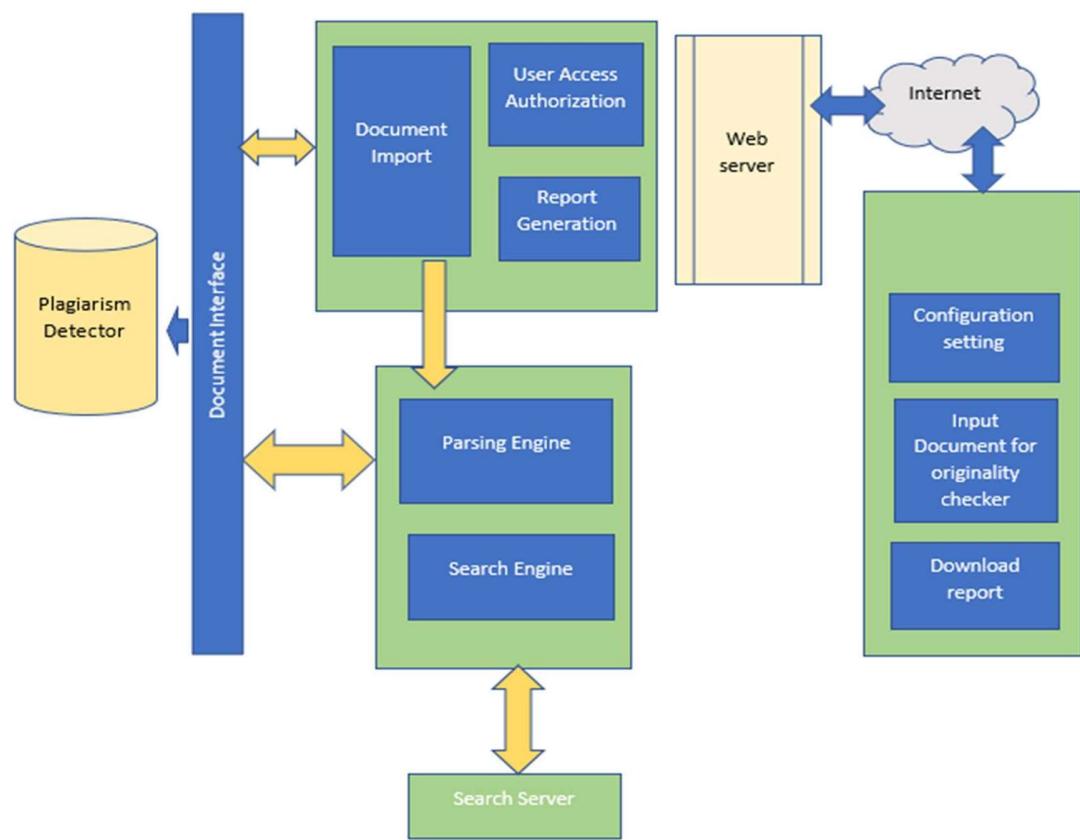
Website - Server Interface



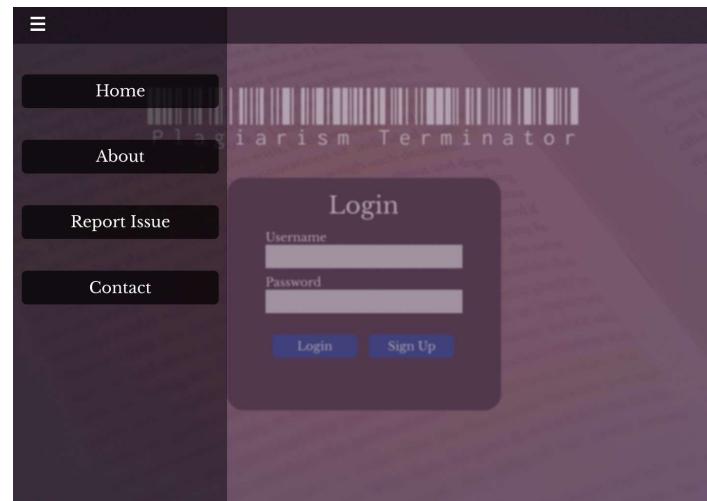
Server-Database Interface

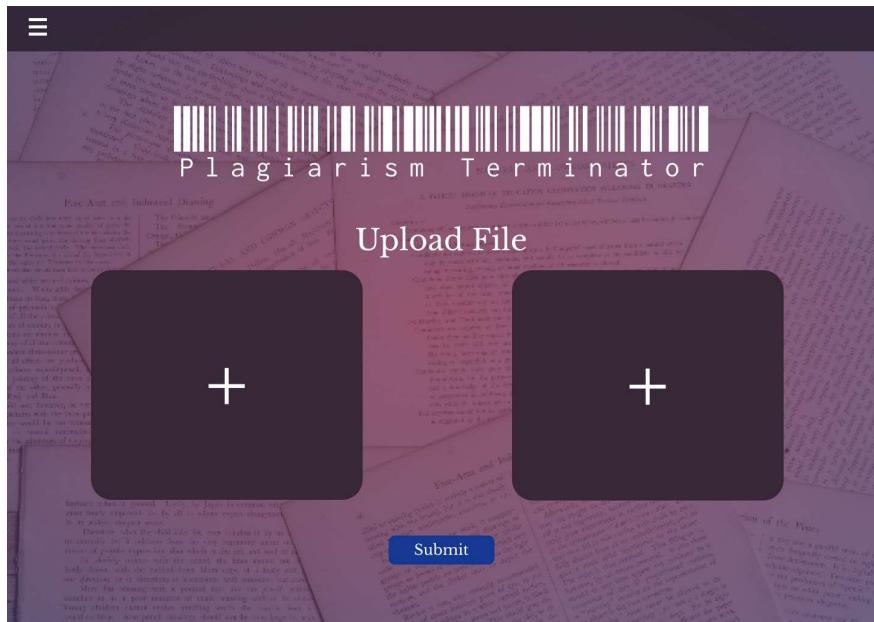
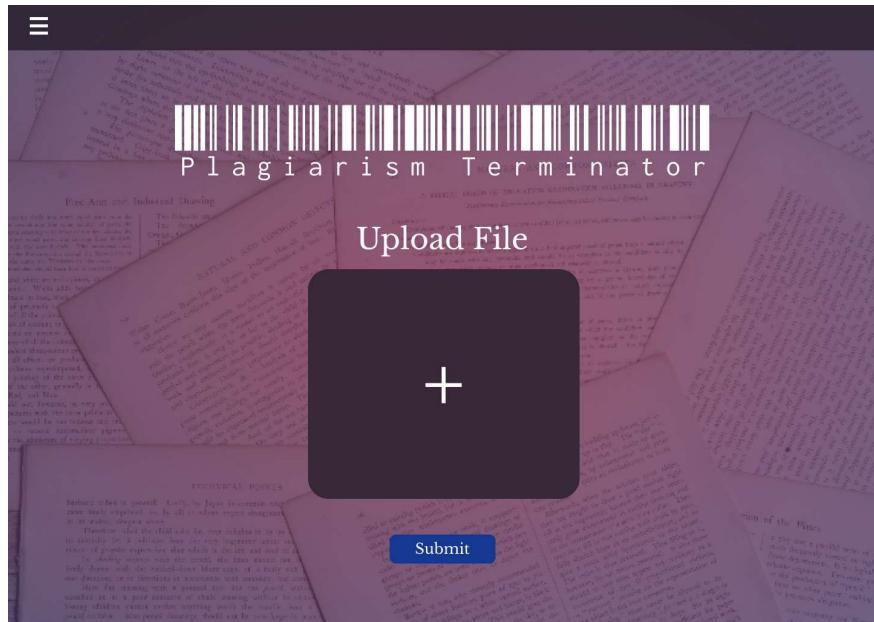


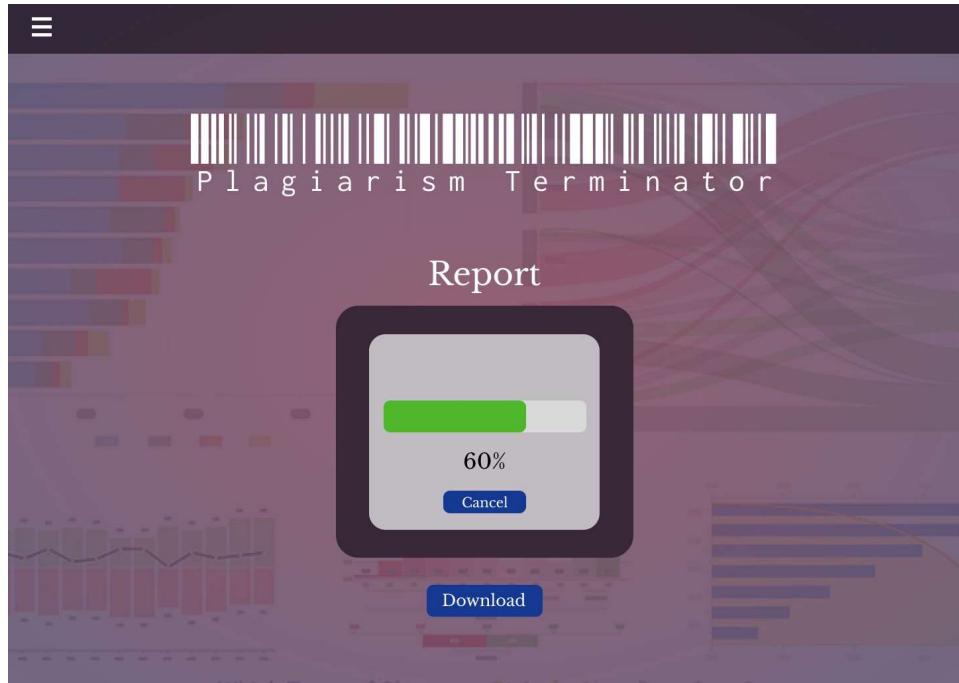
Complete Architecture of the application



Implementation







Result:

Thus, the details of architectural design/framework/implementation along with the screenshots were provided.

Conclusion

Plagiarism of text has become a common occurrence today with difficult to detect forms such as paraphrasing and summarizing being frequently practiced. Hence, there is a need to design effective mechanisms for automatic plagiarism detection. It is described how plagiarism can be detected through the automation of passing text to search engines and get results, which opens the door to a free, precise and efficient plagiarism detection methodology, although the project is in its initial phases, experiment results show how promising this approach can be if it is extended to consider full text in its search process.

References

- [1] [Build a Plagiarism Checker Using Machine Learning | by Tyler Hawkins | Towards Data Science](#)
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- [4] PLAGIARISM DETECTIONSYSTEM Documentation, by Md. Feroz Ahmmmed and Asif Imran, Lecturer, Institute of Information Technology, University of Dhaka.
- [5] Pressman, Roger S. Software Engineering: A Practitioner's Approach (7th Edition)