



KABARAK UNIVERSITY

SCHOOL OF SCIENCE ENGINEERING AND TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

PROJECT TITLE: E-SCHOOL MANAGEMENT SYSTEM

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**A TEAM PROJECT REPORT DOCUMENTATION WAS SUBMITTED TO THE
DEPARTMENT OF COMPUTER SCIENCE AND IT IS IN PARTIAL FULFILLMENT OF
THE DEGREE OF INFORMATION TECHNOLOGY**

SUBMITTED ON

DECLARATION

We declare that the research team project is our work except those quoted and has not been submitted for examination in this or any other university.

Signed: _____

Date: _____

Rachel Mushindi

Signed: _____

Date: _____

Ali Susan Neema

Signed: _____

Date: _____

Dorine Akinyi

RECOMMENDATION

The undersigned certifies that he has read and hereby recommends for acceptance of Kabarak university a project proposal entitled

.....

.....

Dr. Andrew Kipkebut

Signature

Date

Department of computer science and information technology

Kabarak university

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Published by Ali Susan Neema, Dorine Akinyi, and Rachel Mushindi

Kabarak University

Nakuru, Kenya.

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We would like to thank the Almighty God for granting us the gift of life and good health throughout as we were doing our project. Our sincere gratitude goes also to our lecturer Dr. Andrew Kipkebut for supervising us and giving us the necessary guidance during our project development.

DEDICATION

We dedicate this to our parents, siblings, and friends for their unwavering love, prayers, and support throughout our project development.

ABSTRACT

This project is entitled to a study on how some students in high school have seized involving their parents in their performance and behavior in school. Some students also alter the fee structure and make their parents give more so that they can pocket some money for themselves. Students tend to have different personalities in school and at home. A parent can attest to how good their child is and think that they know them better than anyone, but the school can give a different account of the same child. The school communication with the parent via the student has become a tricky situation because not all students deliver the message, or the message delivered is not accurate. This denies the parent active participation in their children's school life. The significance of this study is that parents will be able to get firsthand information about their children's life in school, in the comfort of their homes. The study can also help parents and teachers to work together for the well-being of the students. The study was performed because the role of the parent is not only to pay school fees but also to know the student's performance in all areas at school. The data was collected through interviews with some high school students from different schools, some teachers, also some parents from the local area.

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ABBREVIATIONS AND ACRONYMS

1. IDE- Internet Development Environment
2. E R – Entity Relationship
3. ADMIN - Administrator

OPERATIONAL DEFINITION OF TERMS

1. ER diagram – a flowchart used to show the relationship between people and objects.
2. Context diagram- a flowchart used to show the operations taking place in a system.

CHAPTER ONE

INTRODUCTION

1.1 Introduction

This chapter covers a summary of the background of the study, the statement of the problem that the application will try to solve, the objectives, the significance of the study, and lastly the scope of the study.

1.2 Background of the study

Research done by Dizon-Ross in “Parents’ Beliefs and Children’s Education: Experimental Evidence from Malawi” (2016) showed that Parents are being misled about their children’s performance. “On average, parents’ beliefs about academic performance diverge from the true performance by more than one standard deviation of the performance distribution.” Separately, she points to earlier work from Banerjee et al.(2010) in India demonstrating that parents have mistakenly optimistic beliefs about their children’s learning: “38 percent of the parents of the children who could barely decipher letters thought their children could read and understand a story.” So we see the evidence collected that parents have incorrect information about their children’s efforts or performance in school.

Parents also tend to have limited knowledge of their children’s school-life experiences. Research on "Accuracy of Parental Knowledge of Children's School Experiences" by Wendy M. Reinke et al. (2011), involving 147 first-grade students and their parents indicated that parents had limited knowledge of their children's academic and social experiences in school.

High schools in Kenya have had a hard time passing information to parents or guardians of students, through the students this is because some students do not deliver the message as given. Some students may

decide to alter some information, especially if it involves being given money to pay in school, they say a price higher than the original amount that they can pocket the extra money. This has resulted in information being distorted when it reaches the parents and they may end up missing important information.

The opinion that is coming from parents who have experienced this is that teachers should communicate directly to them about what they need to know concerning their children directly, instead of sending the children with the information.

1.3 Statement of the problem

Most parents do not get timely and accurate information from the school where their children study, especially when sent through the students. To overcome this problem, we developed a system that can enable the parent to login into it and get any information about their children such as results and also be able to access general announcements such as when meetings will be held.

1.4 Purpose of the Study

The was aimed at providing parents and guardians of students with accurate and timely information regarding their children especially, about their academic performance, general behavior and, the school fees that should be paid per term.

1.5 Main objective

- Parents receive accurate and timely information directly from the school.

1.5.1 Specific objectives

1. Determine how parents and teachers can work together for the well-being of the students.
2. Determine how parents can get firsthand information in the comfort of their homes.
3. Prototype the design using a website

1.5.2 Research questions

1. Determine how are parents and teachers going to work together for the well-being of the students.
2. How are parents going to get firsthand information?
3. How is the system going to be prototyped using a website?

1.6 Proposed System

The e-school management system will be a web-based system that will have results, fee structure, announcements, and, report modules. The system will also have a user and admin login. The admin will be able to add all the information in the modules that the parents need to know.

The parents will also be able to log in using their email addresses and password that is saved in the system database and be able to access the information that they need.

1.6.1 System modules

Profile module

Fee structure module

Results Module

Announcement Module

Report Module

1.7 Significance of the study

The study is aimed at benefiting parents as they will get all the information that they require about their children's school life in the comfort of their homes without having to travel to school to confirm it.

1.8 Scope and limitation of the study

The study was conducted to investigate why parents get distorted information from schools when delivered by the students in Bishop Delany Memorial School during 2022-2023 however, the findings may not be enough since some students who were interviewed refused to cooperate and answer the questions asked by the interviewer and on the teachers side their opinions varied on the issues. Some claimed that their students were good and would never change their report examination cards and fee structure to pocket the extra money, while a majority agreed that some students change their report examination cards and fee structure.

CHAPTER TWO

LITERATURE REVIEW

2.1 Introduction

This chapter contains the literature review of the project.

2.2 Students benefits

A website called Reading Rockets wrote an article about Building Parent-Teacher Relationships by the American Federation of Teachers where it was stated that “substantial evidence exists showing that parents involvement benefits students, including raising their academic achievement.” The same article also states that other benefits include, increased motivation for learning, improved behavior, and more regular class attendance.

Research has also shown that successful students have strong academic support from their involved parents (Sheldon, 2009). Another research, shows that parental involvement is more important to children’s academic success than their family’s socioeconomic status, race, ethnicity, or educational background (Amatea & West, 2007).

Parental involvement and academic achievement: A meta-analysis by Harris Cooper et al. (2000), aimed to examine the relationship between parental involvement and academic achievement. The meta-analysis involved 66 studies and 475 effect sizes. Results showed that parental involvement was positively associated with academic achievement. The study suggested that teachers should involve parents in their children's education to improve academic achievement.

2.3 Effective communication

Studies indicate that parental involvement is most effective when viewed as a partnership between educators and parents (Davies, 1996; Emeagwali, 2009; Epstein, 2009). For teachers, the benefits may be presumed to be better communication with parents, a deeper understanding of the family of their students and their situation, and more effective communication with both the homes and the community (Epstein, 2009).

Henderson and Berla (1994) also claim that the schools will benefit from parental involvement through improved teacher morale, more support from families, and higher student academic achievement. In addition, Clarke (2007) asserts that schools function best when parents and the community are active participants and have a sense of ownership of the school.

Administrators and teachers must encourage respectful two-way communication between the school and home (Wherry, 2009). Bouie, an educational consultant stated, “The answer is to stop treating parents like „clients” and start treating them like „partners” in helping children learn” (as cited in Wherry, 2009, p. 7).

Effective communication between parents and teachers is very crucial as parents will be able to know how their children perform in school and how to help them where needed. In research about Parent- Teacher communication by Kimberly R. Kelly et al.(2010), This study aimed to examine the impact of parent-teacher communication on student academic achievement. The study involved 255 third-grade students, their parents, and their teachers. Results showed that

effective parent-teacher communication was positively associated with student academic achievement. The study suggested that teachers should communicate regularly with parents to improve student academic achievement.

2.4 Design Framework

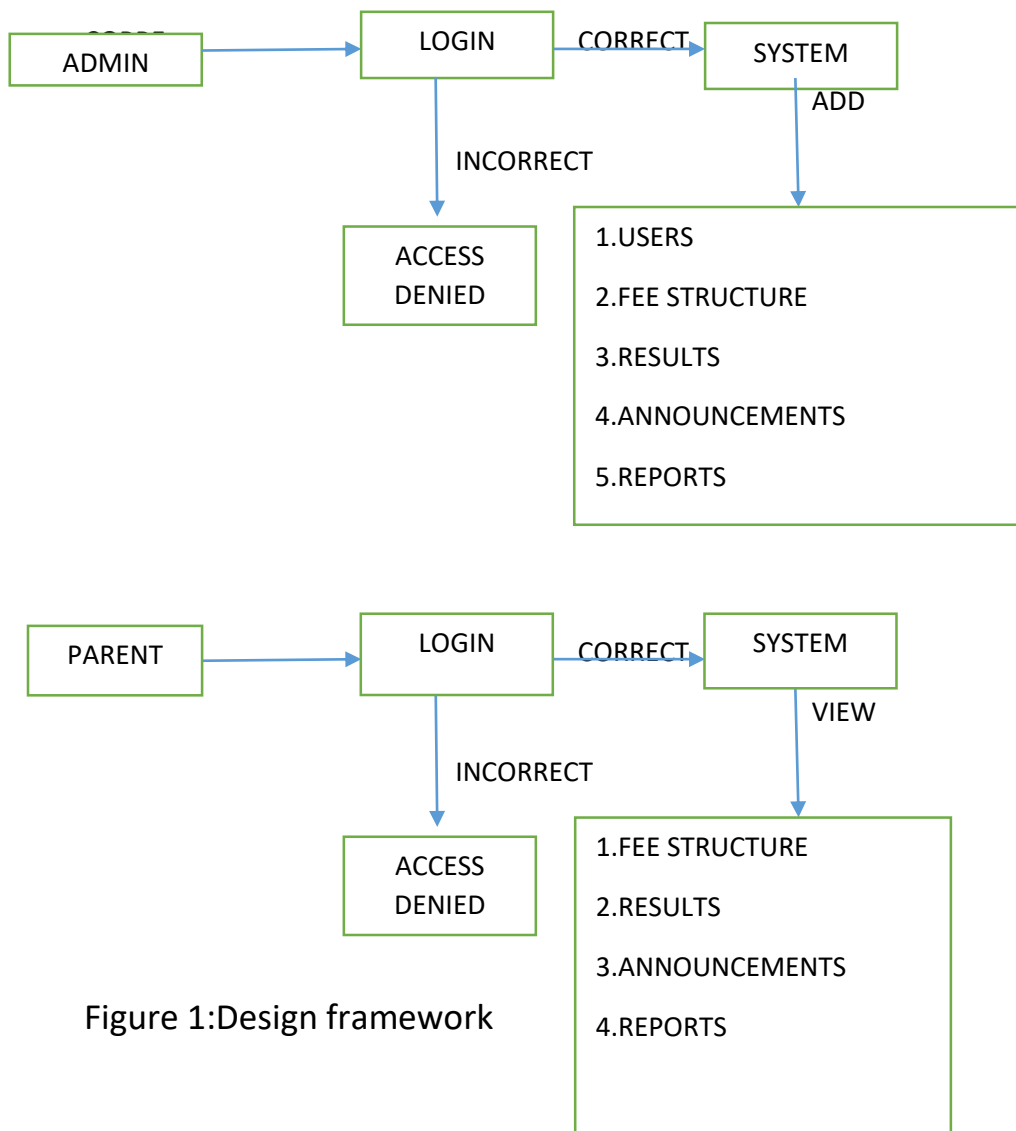


Figure 1:Design framework

CHAPTER THREE

RESEARCH DESIGN AND METHODOLOGY

3.1 Introduction

This section deals with the research design method, source of the data population, sample size, and methods of data collection.

3.2 Research design method

The research was done through interviewing and questionnaires. Parents, teachers, and students were given the questionnaire consisting of four yes/no questions and one descriptive question to fill, and an interview was also conducted with those who were willing to be interviewed.

3.3 Location of the study

The study was conducted in Uasin Gishu County at Bishop Delany Memorial School. The school being a day school, the students are the ones who pass most of the information to parents and it was also easier to access the parents, students, and teachers for the study.

3.4 Population of the study

The people involved in the study are teachers, parents, and students who study at Bishop Delany Memorial School. The accessible population for the study is 100 people. The number consisted of 50 parents, 30 teachers, and 20 students.

3.5 Sampling Procedure and Sample size

3.5.1 Sampling procedure

The convenience sampling method was used for the selection of parents, students, and teachers since the parents and teachers were not easily available.

3.5.2 Sample size

Target population	Sample size
Teachers	30
Parents	50
Students	20
Total	100

Table 1:sample size

3.6 Data collection procedure

The teachers were interviewed in school and some of them filled out questionnaires concerning the research study. The students who were

also willing to provide information on the study and fill out questionnaires were interviewed and filled out questionnaires respectively, mostly during their games time. Parents involved in the study were interviewed during the academic day in school and some even were willing to fill questionnaires provided.

3.7 System development methodology

The system development methodology used was prototyping.

We developed a prototype to test if the final system will be able to produce the desired output.

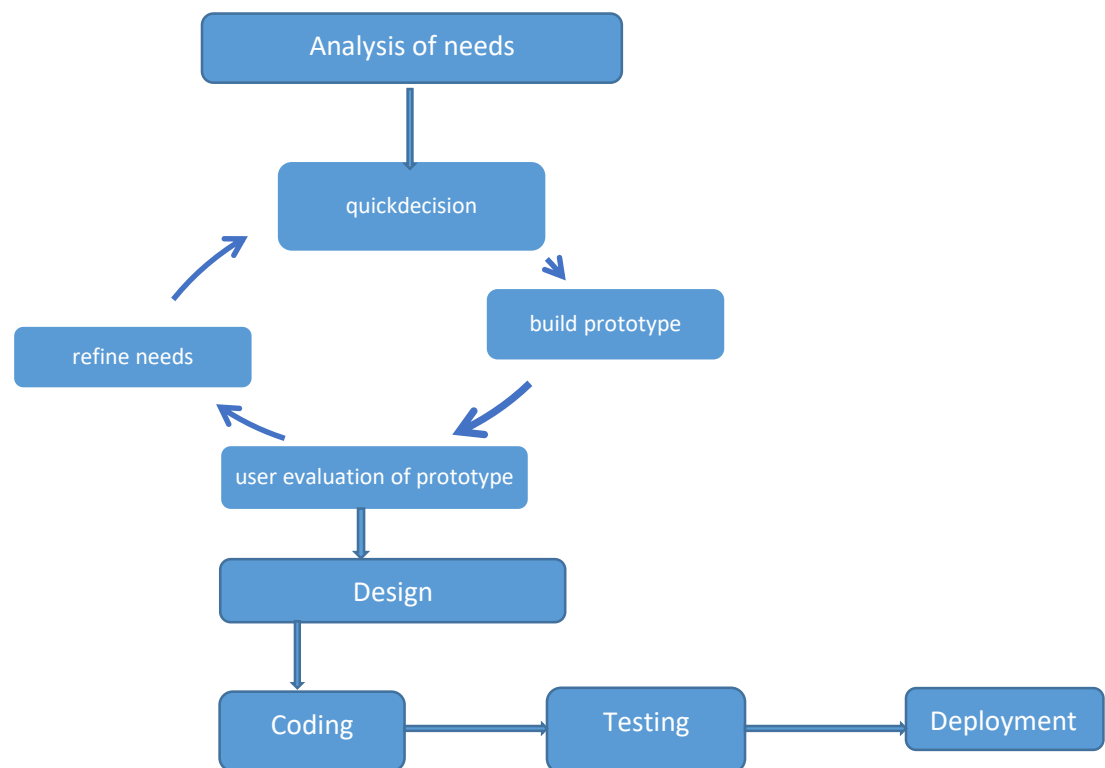


Figure 2: prototype methodology

3.7.1 Programming methodology

The languages used were: Html, CSS, JavaScript, PHP

the technology used: Xampp, visual studio code.

3.8 System Analysis and Design

3.8.1 Context diagram

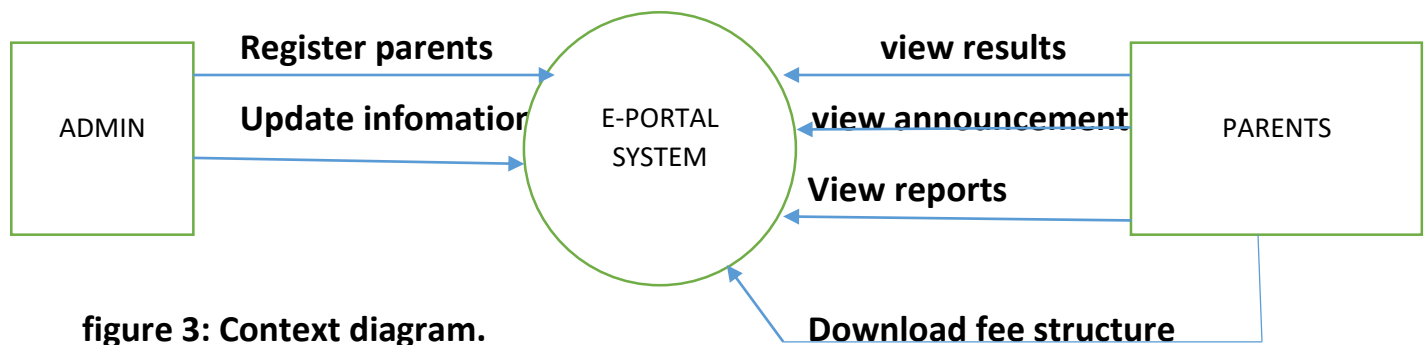


figure 3: Context diagram.

3.8.2 ER diagram

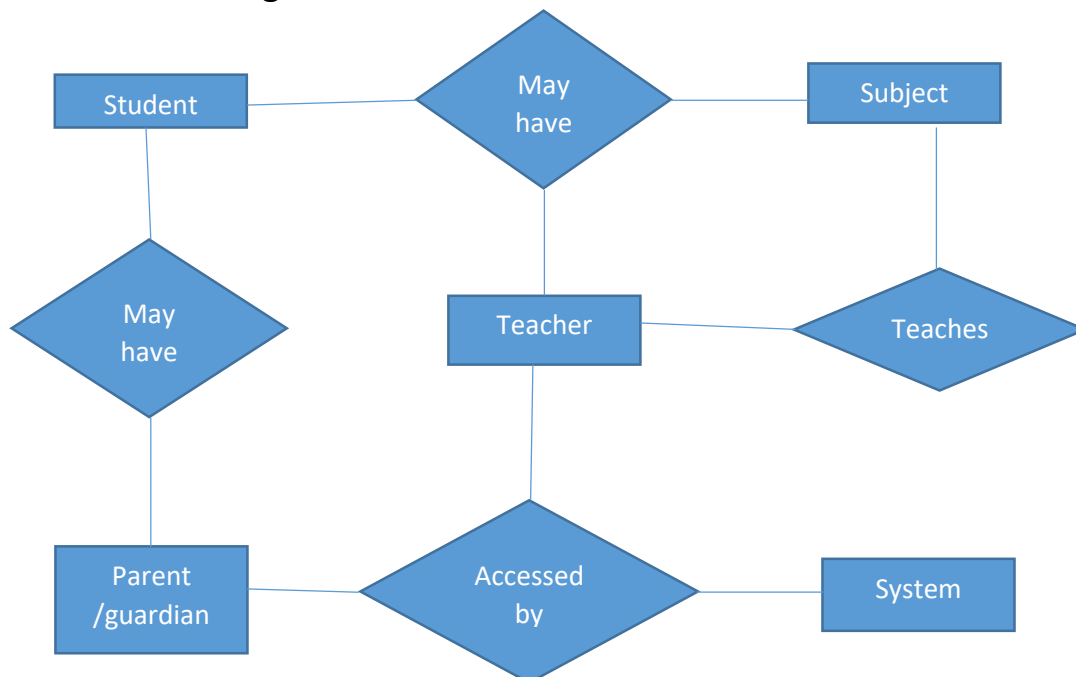


Figure 4: ER diagram

3.8.3 Proposed System Testing Techniques

1. Performance testing- was performed to test its reliability if it works well
2. Scalability testing- was carried out to test if the system can accommodate more or fewer users and still be able to work well.
3. User acceptance testing- was done to test if the user interface is friendly to the user when being used and if it meets their needs.

CHAPTER FOUR

4.0 System Development and Deployment

This chapter describes the coding, testing, and deployment of the project.

4.1 System description and deployment

The system developed is web-based where the users, who are the parents or guardians can log in using their email address and password and be able to access the information that they need such as; fee structure, the students' results, announcements that concern the school meetings or any other relevant information that they need.

The system also has a database that stores all the information of the parents such as email address, phone number, and login password. It also stores the information of the students such as their results, class, and what they are interested in, in terms of extra curriculum activity.

The database can only be accessed by the admin, who is allowed to enter information concerning the students, add announcements and any other relevant information that the parents need to know, and the admin is also allowed to remove information from the database.

4.1.2 Front-end development

We developed the front end using visual studio code. The languages used are HTML, CSS, and javascript

Login codes

```
<?php include_once('config.php');  
//Select query  
$select = "SELECT * FROM admins";  
$result = $connection->query($select);  
?>  
  
<!DOCTYPE html>  
<html>  
<head>  
<title>E-School</title>  
<link rel="stylesheet" type="text/css" href="css/main.css">
```

```

<link rel="stylesheet" type="text/css" href="css/form.css">
<link rel="stylesheet" type="text/css" href="css/media.css">
<link rel="stylesheet" type="text/css" href="css/animate.css">

<link href="assets/img/favicon.png" rel="icon">
<link href="assets/img/icon.png" rel="icon">
<link href="assets/css/style.css" rel="stylesheet">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<script type="text/javascript" src="scripts.js"></script>
<script src="js/jquery.js"></script>
<script src="js/main.js"></script>
<script src="js/profile.js"></script>
    <style>
        body {
            font-family: "Open Sans", sans-serif;
            height: 100%;
        }
body {
    background: #FFFFFF;
    height: 100%;
}
img {
    max-width: 100%;
}
ul {
    list-style: none;
    margin: 0;
    padding: 0;
}
a {
    text-decoration: none;
}
#header {
    float: left;
    width: 100%;
    background: #ffffff;
    position: relative;
}
.white-label {
    float: left;
    background: #33373B;
    max-width: 210px;
    padding: 10px;
    min-height: 44px;

```

```

    background: #279BE4;
    width: 100%;
    max-height: 44px;
}
.white-label img {
    max-height: 43px;
}
#sidebar {
    overflow: hidden;
    width: 210px;
    height: 100%;
    float: left;
    background: #2A2D33;
}
#sidebar-nav {
    width: 100%;
    height: 100%;
    padding: 0;
    background: #2A2D33;
    border-right: 1px solid #E0E0E0;
    overflow-y: scroll;
    background-attachment: fixed;
}
#sidebar-nav h2 {
    color: #60636B;
    float: left;
    width: 100%;
    font-size: 0.8em;
    font-family: "Open Sans", sans-serif;
    font-weight: 600;
    text-transform: uppercase;
    padding: 3px 0 2px 20px;
    border-top: 1px solid #4D4C4C;
    box-sizing: border-box;
    margin: 10px 0;
}
#sidebar-nav ul {
}
#sidebar-nav ul li {
}
#sidebar-nav ul li a {
    color: #C2C2C2;
    font-size: 0.95em;
    padding: 15px 20px;
    display: block;

```

```

float: left;
width: 100%;
font-weight: 600;
-webkit-box-sizing: border-box;
-moz-box-sizing: border-box;
box-sizing: border-box;
}
#sidebar-nav ul li:hover a,
#sidebar-nav ul li:hover a i,
#sidebar-nav li.active a,
#sidebar-nav li.active a i {
    color: #333;
}
#sidebar-nav ul li:hover a {
    background: #fff;
    color: #333;
}
#sidebar-nav ul li.active a {
    background: #fff;
    color: #333;
}
#sidebar-nav li a:active{
    background: white;
}
#sidebar-nav ul li.active a i {
    background: #fff;
}
#sidebar-nav i {
    padding-right: 8px;
    font-size: 1.3em;
    color: #60636B;
    width: 25px;
    text-align: center;
}

.butn{
    color: white;
    background-color: #0ebc7f;
    font-size: 1rem;
    font-weight: bold;
    padding: 30px;
    border: none;
}

```

```

        width: 15%;
        padding-bottom: 50px;
        height: 10px;
    }

</style>
</head>
<body>

<header class="cd-main-header">
    <a href="profile.php" class="cd-logo"></a>
        <div class=".nav-profile-name">
            <i>
                <?php
                    while($row = $result->fetch_object()){
                        echo '<tr>'
                        .'<td>'.$row->name.'</td>'.
                        '</tr>';}
                ?>
            </i>
        </div>
        <div class="sliding-out links">
            <li>
                <a href="settings.php">Edit Account</a>
            </li>
        </div>
        <div class="register-user">
            <a id="login" href="logout.php">Logout</a>
        </div>
    </ul>
</nav>
</header> <!-- .cd-main-header -->

<section id="sidebar">
<div class="white-label">
</div>
<div id="sidebar-nav">
<ul>
<li class="active"><a href="#"><i class="fa fa-dashboard"></i> Dashboard</a></li>
<main class="cd-main-content">
    <nav class="cd-side-nav">
        <ul><li>
            <a href="adminInfo.php"><i
class="perm_identity"></i>Profile</a>

```

```

        </li>
        <ul>

<li><a href="addannouncement.php"><i class="fa fa-list-alt"></i>
Announcements</a></li>
</ul>
<ul>
<li><a href="postfeestructure.php"><i class="fa fa-dollar"></i> Fee
Structure</a></li>
<li><a href="editresults.php"><i class="fa fa-download"></i> Results</a></li>
<li><a href="editreport.php"><i class="fa fa-book"></i>Report</a></li>
<li><a href="addUser.php"><i class="fa fa-book"></i>Add User</a></li>
<li><a href="javascript:void(0);" class="icon" onclick="myFunction"><i class="fa
fa-bars"></i></a></li>
</ul>

</ul>
</div>
</section>
<!-- <script>
    function myFunction(){
        var x = document.getElementById("sidebar-nav");
        if (x.style.display === "block"){
            x.style.display = "none";
        }else{
            x.style.display = "block";
        }
    }
</script> -->
</body>
</html>

```

```

<!DOCTYPE html>
<html>

```

```

<head>
<title>E-School</title>
<link rel="stylesheet" type="text/css" href="css/main.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
<link rel="stylesheet" type="text/css" href="css/media.css">
<link rel="stylesheet" type="text/css" href="css/animate.css">

<link href="assets/img/favicon.png" rel="icon">
<link href="assets/img/icon.png" rel="icon">
<link href="assets/css/style.css" rel="stylesheet">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<script type="text/javascript" src="scripts.js"></script>
<script src="js/jquery.js"></script>
<script src="js/main.js"></script>
<style>
.msg-alert{
  display: none;
  position: fixed;
  left: 50%;
  -ms-transform: translate(-50%);
  transform: translate(-50%);
  bottom:0;
  z-index: 9999;
}

.msg-alert p{
  font-family: calibri;
  border-radius: 5px 5px 0px 0px;
  padding: 5px 8px;
  font-size: 20px;
  color: white;
}
<!-- styling for the slideshow-->
.slideshow-container {
  position: absolute;

  .dot {
    height: 15px;
    width: 15px;
    background-color: steelblue;
    border-radius: 50%;
    display: inline-block;
  }
}

```



```

    .activee {
        background-color: #717171;
    }

    .fade {
        -webkit-animation-name: fade;
        -webkit-animation-duration: 1.5s;
    }

    @-webkit-keyframes fade {
        from {
            opacity: .4
        }
        to {
            opacity: 1
        }
    }

    img {
        border-radius: 30px 30px 200px 200px;
    }

    .mySlides img {
        width: 168%;
    }
</style>
</head>

<body id="home">
    <div class="msg-alert"><p></p></div>
    <div class="cssload-loader">
    <div class="cssload-flipper">
        <div class="cssload-front"></div>
        <div class="cssload-back"></div>
    </div><br/>
    <center><span id="loading">Loading</span></center>
    </div>

    <div class="clr-switch"></div>
    <div class="bubble-1"></div>
    <div class="bubble-2"></div>
    <div class="bubble-3"></div>

    <div id="login-form">
    <input type="radio" id="login" name="switch" class="hide" checked>

```

```

<div>
  <ul class="form-header">
    <li><label for="login"><i class="material-icons">lock</i> LOGIN</li>
  </ul>
</div>

<div class="section-out">
  <section class="login-section">
    <div class="login">
      <form id="form_login" name="form_login" action="loginn.php"
method="post">
        <ul class="ul-list">
          <li><input type="email" id="log_email" name="email"
required class="input" placeholder="Email Address" required="" /><span
class="icon"><i class="material-icons">local_post_office</i></span></li>

          <li><input type="password" id="log_passwd"
name="password" required class="input" minlength="4" maxlength="32"
placeholder="Your Password" required="" /><span class="icon"><i class="material-
icons">lock</i></span></li>

          <li><input type="submit" id="submit" name="submit"
value="Sign in" class="btn"></li>

          <li><input type="button" value="Close" class="btn
close"></li>

          <span class="errorTxt"></span>
          <div id="status"></div>
        </ul>
      </form>
    </div> <!-- login -->
  </section>

</div> <!-- section-out -->
</div> <!-- login-form -->

<header>
  <div class="wrap-width">
    <a href="index.php">
      <div class="navbar-logo">

```

```

        
        
    </div> <!-- navbar-logo -->
</a>
<!--<a href="#nav"><i class="material-icons">reorder</i></a>-->
<div class="horizontal-page-links" id="nav">

    <div class="register-user">
        <a id="login">Login</a>
        <!--<a id="register" href="#register">Register</a>-->
    </div> <!-- register-user -->

    <ul>
        <div class="sliding-out links"><li><a
href="index.php">Home</a></li></div>
        <div class="sliding-out links"><li><a href="about.html">About
</a></li></div>
        <div class="sliding-out links"><li><a
href="contacts.html">Contact </a></li></div>
        <div class="last-navbar-link"><li></li></div>
    </ul>

</div> <!-- horizontal-page-links -->
</div>
</header>

<!-- slideshow -->
<div class="container con">
    <h2>Hi, Welcome to E-School.</h2>
    <div class="slideshow-container">

        <div class="mySlides fade">
            
        </div>

        <div class="mySlides fade">
            
        </div>
        <div class="mySlides fade">
            
        </div>
        <div class="mySlides fade">
            
        </div>
        <div class="mySlides fade">

```

```

        
    </div>
    <div class="mySlides fade">
        
    </div>
</div>
<div style="text-align:center">
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
</div>

<!--javascript code for slideshow -->
<script>
    var slideIndex = 0;
    showSlides();

    function showSlides() {
        var i;
        var slides = document.getElementsByClassName("mySlides");
//defining
        var dots = document.getElementsByClassName("dot"); //defining
        for (i = 0; i < slides.length; i++) {
            slides[i].style.display = "none";
        }
        slideIndex++;
        if (slideIndex > slides.length) {
            slideIndex = 1
        }
        for (i = 0; i < dots.length; i++) {
            dots[i].className = dots[i].className.replace(" activee",
            "");
        }
        slides[slideIndex - 1].style.display = "block";
        dots[slideIndex - 1].className += " activee";
        setTimeout(showSlides, 2000); // Change image every 2 seconds
    }
</script>
</div>

<!-- service section -->
<section class="services">

```

```

<div class="icon-box icon-box-green">
    <div class="icon"><i class="bx bx-tachometer"></i></div>
    <h4><a href="announcement.html"><b>Announcements</b></a></h4>
    <p><i>Find all announcements in this page.</i></p>
</div>

<div class="icon-box icon-box-blue">
    <div class="icon"><i class="bx bx-tachometer"></i></div>
    <h4><a href="events.html"><b>Our events</b></a></h4>
    <p><i>Click here to view this our events</i></p>
</div>

<div class="icon-box icon-box-cyan">
    <div class="icon"><i class="bx bx-tachometer"></i></div>
    <h4><a href="calendar.html"><b>Academic calender</b></a></h4>
    <p><i>Click here to view this year's academic calender.</i></p>
</div>
</section>
</body>

</html>

```

Info.php

```

<?php include('header.php');

$email = $_SESSION['email'];
$connection;
    // Select data from table table_employee
    $sql = "SELECT * FROM userss WHERE email = '$email'";

    $result = mysqli_query($connection, $sql);
?>

<center>
<div class="container">

<table class="table">
    <thead class="thead-light">
        <tr>
            <th scope="col">Details</th>
        </tr>
    </thead>

```

```

<tbody>
  <table border="0" cellspacing="2" cellpadding="2">
    <?php

    if (mysqli_num_rows($result) == 1) {
      // Fetching the details of the user
      $row = mysqli_fetch_assoc($result);

      echo '<tr>
      <th>Name: </th>'
      .'<td>' . $row["name"] . "<br>";'</td>'.
      '</tr>';
      echo '<tr>
      <th>Gender: </th>'
      .'<td>'.$row["gender"].'</td>'.
      '</tr>';
      echo '<tr><th>Age: </th>'
      .'<td>'.$row["age"].'</td>'.
      '</tr>';
      echo '<tr>
      <th>Email: </th>'
      .'<td>'.$row["email"].'</td>'.
      '</tr>';
      echo '<tr>
      <th>Contact: </th>'
      .'<td>'.$row["contact"].'</td>'.
      '</tr>';
      echo '<tr>
      <th>Class: </th>'
      .'<td>'.$row["class"].'</td>'.
      '</tr>';
      echo '<tr>
      <th>Interest: </th>'
      .'<td>'.$row["interest"].'</td>'.
      '</tr>';

    }
    echo '</table>';
    ?>

  </tbody>
</table>
</div>

```

```
</center>
```

4.1.3 User Interface Design

User login

Profile

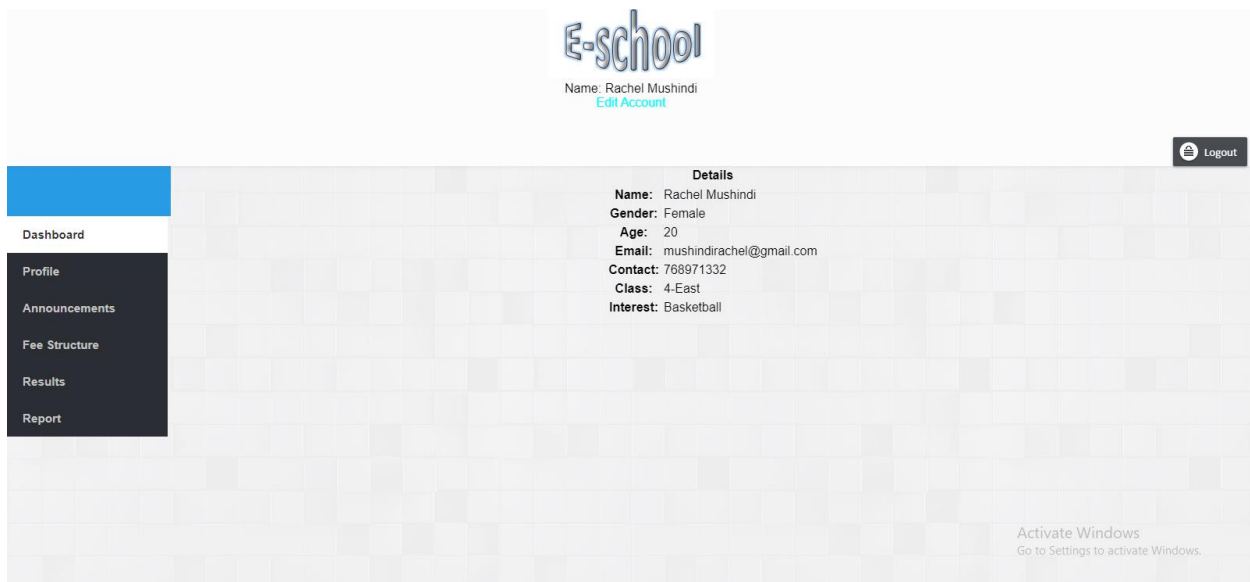
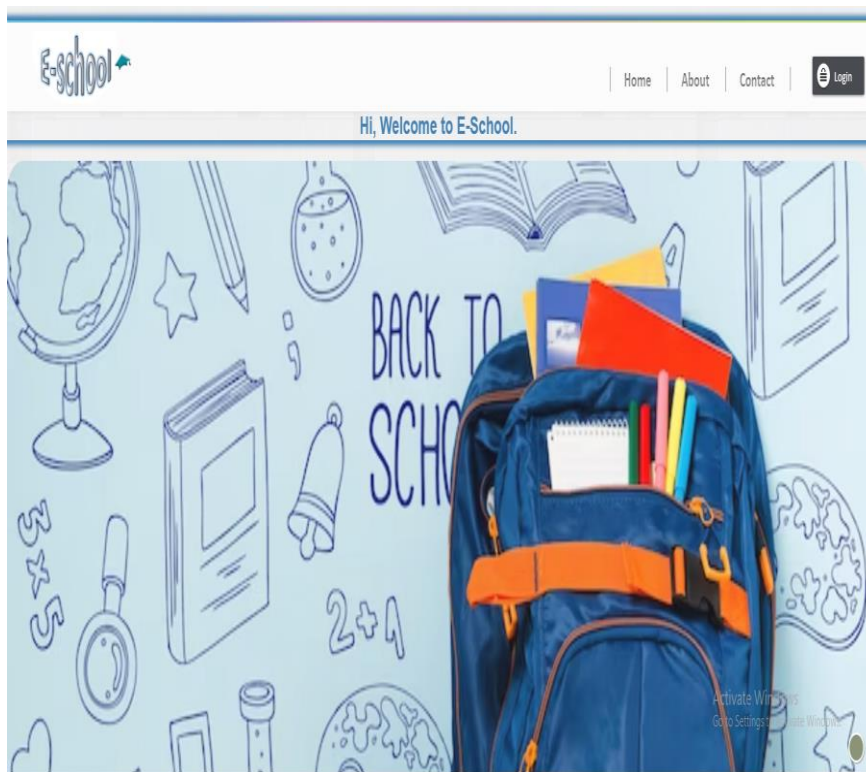
Announcements


Results

Report

Fee structure

4.1.4 Interface modules





Name: Rachel Mushindi
[Edit Account](#)

Logout

Dashboard
Profile
Announcements
Fee Structure
Results
Report

Annual General Meeting

The meeting will be held on 7th April 2023 from 8-4pm. Every parent is advised to attend.
Thank you.

2023-03-28

Activate Windows
Go to Settings to activate Windows.

E-School

Name: Dorine Akinyi

[Edit Account](#)

Logout

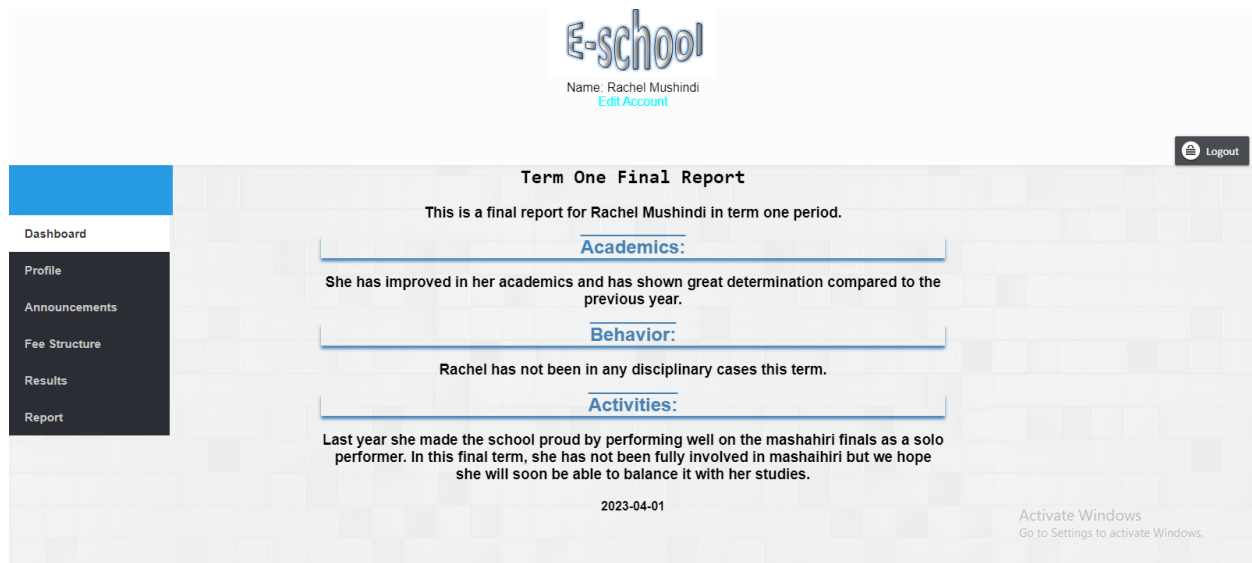
Dashboard
Profile
Announcements
Fee Structure
Results
Report

E-SCHOOL
FEE STRUCTURE
P.O.BOX 050-20100 NAKURU, TEL: 0794814090

	PAYMENT			KSH
VOTE HEAD	TERM 1	TERM 2	TERM 3	TOTAL
TUTION	7 000	5 000	3000	15 000
ACTIVITY	2 000	1 000	500	3 500
BOARDING	20 000	15 000	10 000	45 000
BOM	1 000	1 000	1000	3 000
MEDICATION	1 000	1 000	1000	3 000
TRANSPORT	500	500	500	1 500
INTERNET	1 500	1 000	500	3 000
ACADEMIC TRIP	1000	1000	0	2 000
TOTAL	34 000	25 500	16 500	76 000

BY: SCHOOL ADMINISTRATOR
Susan Neema

Activate Windows
Go to Settings to activate Windows.



4.2 Back end development

The backend is developed using xampp application. The language used to create it is php.

4.2.1 Database design model

Admin adding users to the database.

The screenshot shows the 'Add User' page of the E-school system. At the top center is the 'E-school' logo with the name 'Josphat Mutuku' and a link to 'Edit Account'. In the top right corner is a 'Logout' button. On the left is a sidebar menu with options: Dashboard, Profile, Announcements, Fee Structure, Results, Report, and Add User (which is highlighted). The main area contains a form with the following fields: Admission Number, Name, Gender, Age, Email address, Password, Contact, Image, Class, and from_year. Each field has a corresponding input box. In the bottom right corner, there is a Windows watermark that says 'Activate Windows Go to Settings to activate Windows.'

E-school
Josphat Mutuku
[Edit Account](#)

Logout

Dashboard
Profile
Announcements
Fee Structure
Results
Report
Add User

Admission Number:

Name:

Gender:

Age:

Email address:

Password:

Contact:

Image:

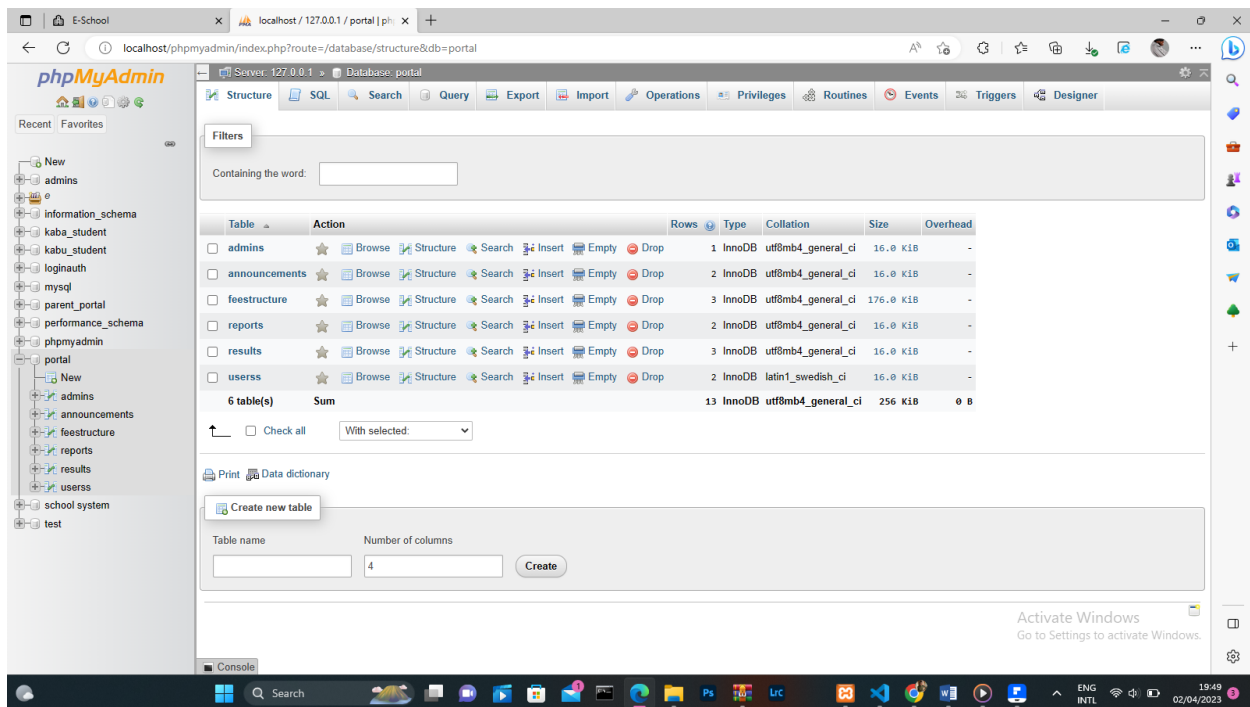
Class:

from_year:

Activate Windows
Go to Settings to activate Windows.

4.2.2 Tables

1. Admins
2. Announcements
3. Feestructure
4. Reports
5. Results
6. Userss.



4.2.3 System testing

No major bugs were experienced during the testing of the system. The users are allowed to make suggestions for the purpose of making it more user friendly.

4.3 Conclusion and future work

The E-school management system is a system developed to solve the issue of parents not getting the right information about their children's school work and life. The system will enable parents to know what is going on in school wherever they are and at any time. It will also enable them to participate in their children's academic growth hence pushing their grades up.

The system was released with not so many functionalities due to the time limitation but the main objective was achieved. The system is flexible and more functionalities could be added to it in the future to make it better.

REFERENCES

1. (Amatea & West(2007). Joining the conversation about educating our poorest children
2. Clarke, A. (2007). The handbook of school management. Cape Town: Kate McCallum
3. Davies, D. (1996). Partnerships for student success.
4. Emeagwali, S. (2009). Fostering parent-teacher collaboration in the classroom.

APPENDICES

i) Research Instruments

ii) Work Plan

Activity	January	February	March	April
Research and documentation				
System design				
Implementation				
Testing				

Table 2: work plan.

iii) Budget

Item	Description	Quantity	Cost(ksh)
Laptops	Intel Core i5 Processor (2.1 GHz or more) RAM (4GB or more, 500GB hard Disk)	3	90,000
Operating System(windows)	Windows 10 Pro	3	6000
IDE(Integrated Development environment)	Visual studio code	3	Free
Database management	Xampp	3	Free
Internet	Safaricom	3	12000
Total			108 000

Table 3: Bugdet