



**FACULTY OF ENGINEERING, AIN SHAMS UNIVERSITY**

**COMPUTER SYSTEMS DEPARTMENT**

**DATABASE SYSTEMS**

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**Documentation on**

**[Portal web app between TAs and students]**

By

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**MONA ISAMAIL**

FOURTH YEAR

FIRST SEMESTER

## Contents

<b>Contents .....</b>	<b>1</b>
<b>Acknowledgements .....</b>	<b>2</b>
<b>Abstract .....</b>	<b>2</b>
<b>System objective .....</b>	<b>3</b>
<b>Application description .....</b>	<b>4 → 11</b>
<b>i. EER Diagram</b>	
<b>ii. Tables</b>	
<b>Use case diagrams .....</b>	<b>12</b>
<b>Additional notes</b>	

## Acknowledgements

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Furthermore we would like to acknowledge with much appreciation the crucial role of our teaching assistant **Eng. Veronia bahaa** who gave us all information and guide that we need to complete our project “A web portal between students and TAs”, special thanks to our team members who cooperate to assemble parts and gave suggestion about the task.

## Abstract

In this project we have implemented a web portal between students and TAs written in PHP and MYSQL language, in this web app each student will be able to login to his/her account to view the courses he/she enrolled in, also each student will be able to view resources uploaded by TAs including sheets, tutorials, videos and slides, each student will also have ability to send messages to any of TAs of the courses he/she enrolled in.

On the other hand each TA will have ability to upload resources including sheets, slides, videos and tutorials and will be able to view messages from student and respond to them.

## **System objective**

Our project objective is to implement a web portal between students and TAs with PHP and MYSQL language so students can view their courses in which they are enrolled in, the app give the student to view and download the resources which is uploaded by TAs, the resources includes sheets, slides, tutorials, videos.

Students can also send messages to their TAs and the TAs will be able to respond to the messages as soon as they see them.

Our application has the following specifications:

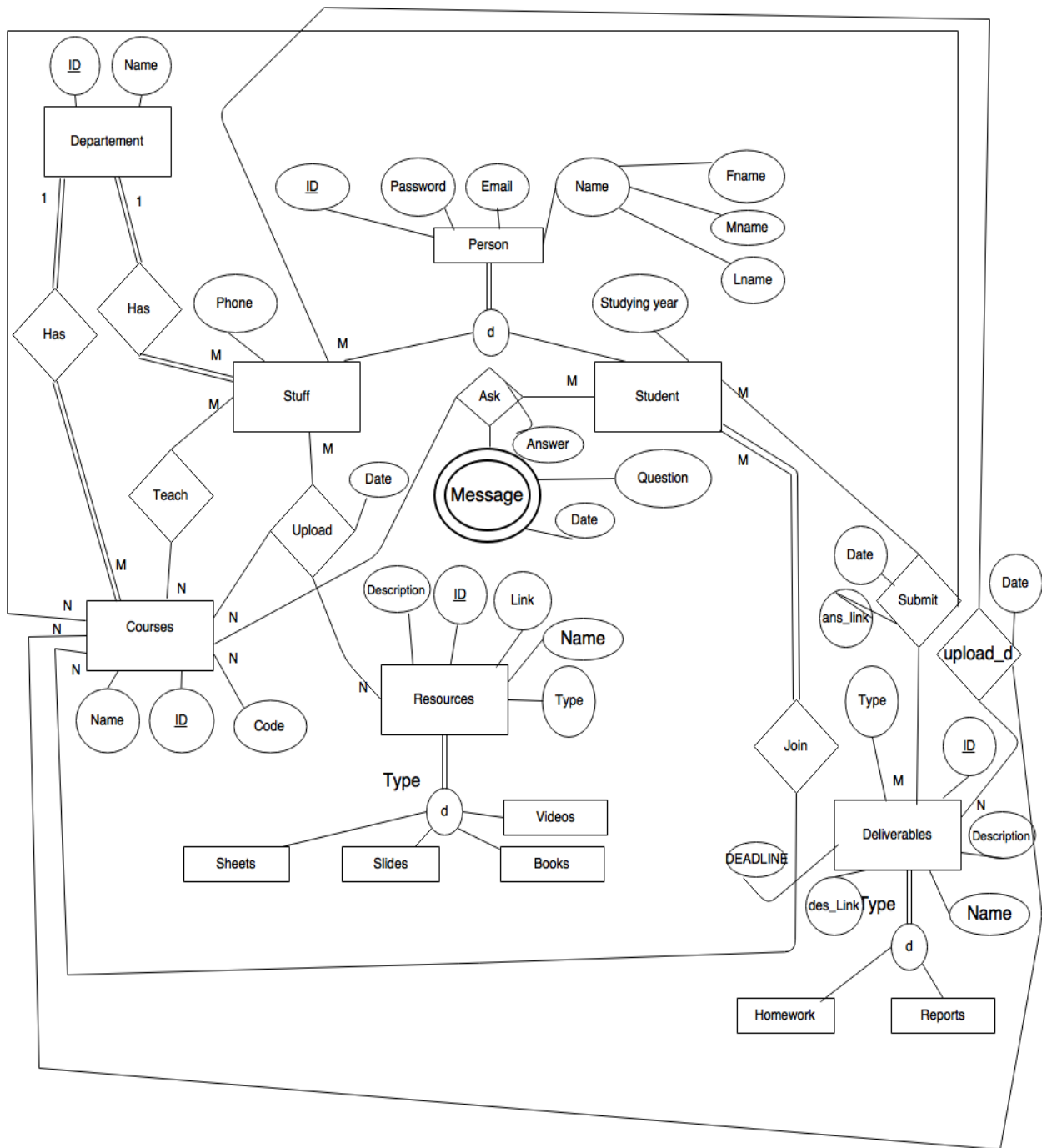
- Each student can log to his/her account by his/her email of college which is stored in database.
- Each TA has the ability to log in his/her account by his/her email of college.
- Each student after logging in will be redirected to his page which contain all the courses he/she enrolled in.
- Each student can download and view the resources which is uploaded by TAs.
- There is a list of deadlines that will appear to the students.
- Each TA will have ability to upload resources to the students.
- Each TA will have the ability to respond to the messages sent by students.

## **Design considerations**

- The app is developed using native PHP language and MYSQL language.
- We use “Sublime” as a text editor.
- We used HTML, CSS, Bootstrap in designing our frontend.
- We used PHPmyadmin as a manager to our tables of database.
- We use Wamp as local server to run our web app.
- We used Github as version control in our implementation.

## **Application description**

## EER diagram



## Tables:

Our database consists of 13 table as follows:

### 1. Ask

Table structure for table ask

Column	Type	Null	Default
<i>s_id</i>	int(10)	No	
<i>question</i>	varchar(255)	No	
answer	varchar(255)	Yes	NULL
<i>c_id</i>	int(10)	No	
<i>created_at</i>	timestamp	No	0000-00-00 00:00:00
<i>updated_at</i>	timestamp	No	0000-00-00 00:00:00

### Course

Table structure for table course

Column	Type	Null	Default
<i>id</i>	int(10)	No	
name	varchar(255)	No	
<b>name_code</b>	char(6)	No	
dep_id	int(10)	No	

### 2. Deliverable:

Table structure for table deliverable

Column	Type	Null	Default
<i>id</i>	int(11)	No	
name	varchar(255)	No	
brief_desc	varchar(255)	Yes	NULL
<b>des_link</b>	varchar(255)	Yes	NULL
deadline	varchar(255)	No	
type	varchar(255)	Yes	NULL

3. Department

**Table structure for table department**

<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<i><b>id</b></i>	int(10)	No	
<i><b>name</b></i>	varchar(255)	No	

4. Joined

**Table structure for table joined**

<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<i><b>student_id</b></i>	int(10)	No	
<i><b>c_id</b></i>	int(10)	No	

5. Person

**Table structure for table person**

<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<i><b>id</b></i>	int(10)	No	
<i><b>email</b></i>	varchar(255)	No	
<i><b>password</b></i>	varchar(255)	No	
<i><b>fname</b></i>	varchar(255)	No	
<i><b>mname</b></i>	varchar(255)	Yes	NULL
<i><b>lname</b></i>	varchar(255)	Yes	NULL

6. Resource

**Table structure for table resource**

<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<i><b>id</b></i>	int(11)	No	
<i><b>name</b></i>	varchar(255)	No	
<i><b>link</b></i>	varchar(255)	No	
<i><b>description</b></i>	varchar(255)	Yes	NULL
<i><b>type</b></i>	varchar(255)	No	



7. Student

**Table structure for table student**

Column	Type	Null	Default
<i>p_id</i>	int(10)	No	
studyingyear	varchar(255)	No	

8. Stuff

**Table structure for table stuff**

Column	Type	Null	Default
<i>p_id</i>	int(10)	No	
phone	varchar(255)	No	
dep_id	int(10)	No	

9. Submit

**Table structure for table submit**

Column	Type	Null	Default
<i>sd_id</i>	int(11)	No	
<i>c_id</i>	int(11)	No	
<i>d_id</i>	int(11)	No	
creatd_at	timestamp	No	0000-00-00 00:00:00
updated_at	timestamp	No	0000-00-00 00:00:00
ans_link	varchar(255)	Yes	NULL

10. Teach

**Table structure for table teach**

Column	Type	Null	Default
<i>st_id</i>	int(10)	No	
<i>c_id</i>	int(10)	No	

11. Upload\_d

**Table structure for table upload\_d**

<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<i>st_id</i>	int(11)	No	
<i>c_id</i>	int(11)	No	
<i>d_id</i>	int(11)	No	
date	timestamp	No	0000-00-00 00:00:00

12. Upload\_r

**Table structure for table upload\_r**

<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<i>st_id</i>	int(11)	No	
<i>c_id</i>	int(11)	No	
<i>r_id</i>	int(11)	No	
created_at	timestamp	No	0000-00-00 00:00:00
updated_at	timestamp	No	0000-00-00 00:00:00

Database: college\_portal, Table: person

id	email	password	fname	mname	lname
----	-------	----------	-------	-------	-------

Database: college\_portal, Table: student

p id	studyingyear
------	--------------

Database: college\_portal, Table: stuff

p id	phone	dep id
------	-------	--------

Database: college\_portal, Table: ask

s id	question	answer	c id	created at	updated at
------	----------	--------	------	------------	------------

Database: college\_portal, Table: course

id	name	name code	dep id
----	------	-----------	--------

Database: college\_portal, Table: department

id	name
----	------

Database: college\_portal, Table: teach

st id	c id
-------	------

Database: college\_portal, Table: joined

student id	c id
------------	------

Database: college\_portal, Table: upload\_r

st id	c id	r id	created at	updated at
-------	------	------	------------	------------

Database: college\_portal, Table: upload\_d

st id	c id	d id	date
-------	------	------	------

Database: college\_portal, Table: resource

id	name	link	description	type
----	------	------	-------------	------

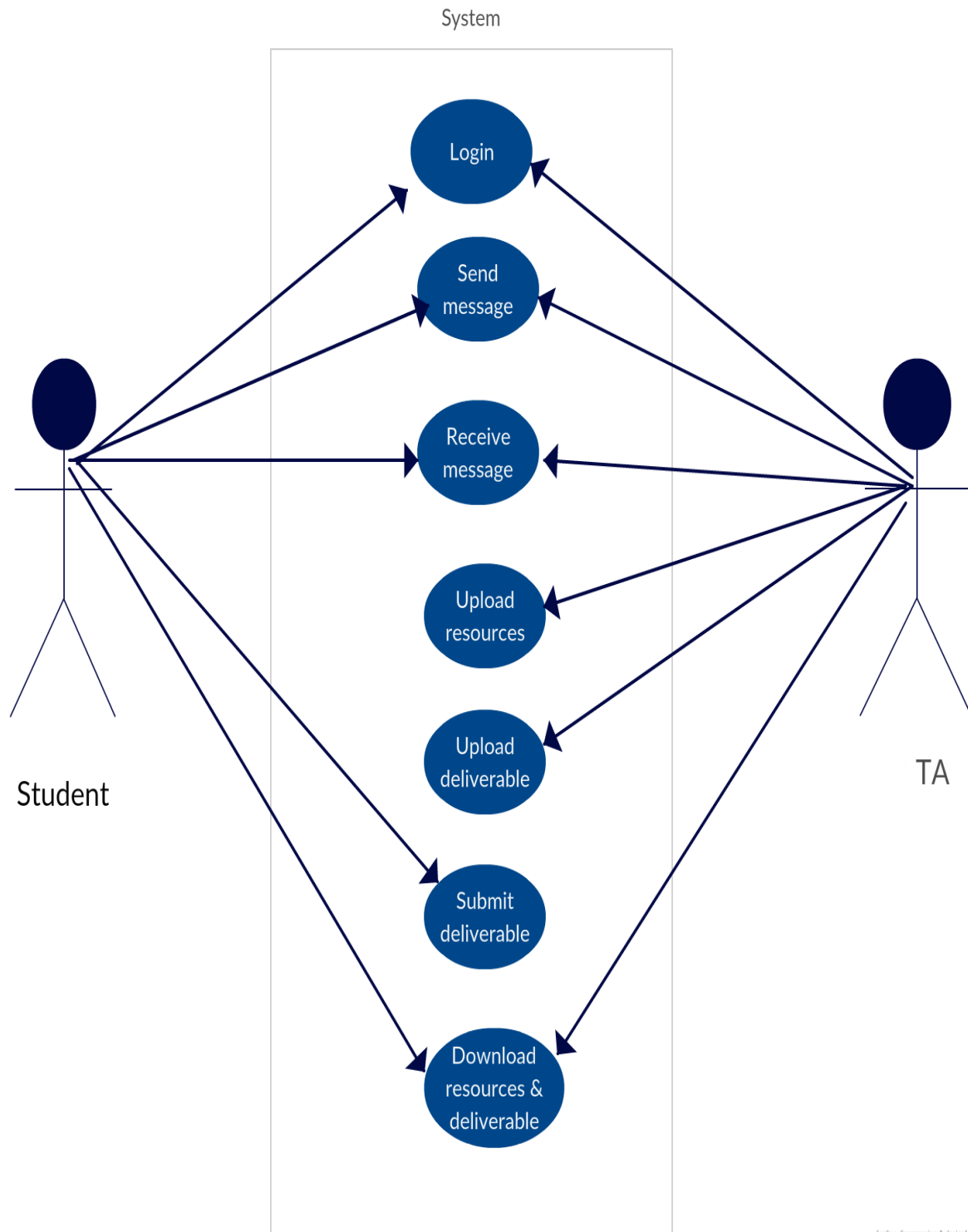
Database: college\_portal, Table: submit

sd id	c id	d id	creatd at	updated at	ans link
-------	------	------	-----------	------------	----------

Database: college\_portal, Table: deliverable

id	name	brief_desc	des_link	deadline	type
----	------	------------	----------	----------	------

## Use cases Diagram




## **Additional notes**

- Github repository:  
[https://github.com/SarcasticGeek/College\\_Portal](https://github.com/SarcasticGeek/College_Portal)

## Screenshots:

Faculty of engineering | A web portal between students & TAs

About



# Login

Email

Password

Login

Faculty of engineering | A web portal between students & TAs

Home of kashif@kashif.com

Logout

### Recent Deadlines

cse411

first resource

01/5/20155

Upload

cse411

asdasd


2015-12-08 00:00:00

Upload

Courses ▾

cse411

ResourcesTutorialsMessages From Dr



rfgr

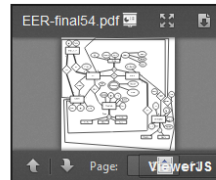
wefwef

### Send Message to Stuff

press here

localhost/College\_Portal/app/views/student/?course=cse411#Resources

## Deliverables

[hw 22](#)[hhh](#)[kuky](#)[asdasdad](#)[sssdtdfs](#)[asdasdasd](#)[klj](#)[Add deliverable](#)[Courses](#)**cse411**[Resources](#)[Tutorials](#)[Resources](#)**rfgr**

wefwef

## New messages

[asdasda Answer](#)[asdasdasdad Answer](#)[asdasdwrtaaf Answer](#)**Answer to Student: Kashif****Answer**[Answer](#)



Faculty of engineering | A web portal between students & TAsHome of mona@mona.comMessages from studentsLogout

## Deliverables

hw 22

hhh

kuky

asdasdad

sssdffdsfs

asdasdasd

kj

+ Add deliverable

Select file to upload

Browse...

No file selected.

Name

name of file

Description

brief of Description

Type

homework

report

Deadline

Upload

rfgr

wetwef

## sqlcode

```
1
2 CREATE TABLE person(
3   id int(10) NOT NULL AUTO_INCREMENT,
4   email VARCHAR(255) NOT NULL,
5   PRIMARY KEY (id),
6   password VARCHAR(255) NOT NULL,
7   fname VARCHAR(255) NOT NULL,
8   mname VARCHAR(255) ,
9   lname VARCHAR(255),
10  UNIQUE (email)
11 );
12 CREATE TABLE department(
13   id INT(10) NOT NULL AUTO_INCREMENT,
14   name VARCHAR(255) NOT NULL,
15   PRIMARY KEY (id),
16   UNIQUE (name)
17 );
18 CREATE TABLE student(
19   p_id int(10) NOT NULL,
20   FOREIGN KEY (p_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
21   PRIMARY KEY (p_id),
22   studyingyear VARCHAR(255) NOT NULL
23 );
24 CREATE TABLE stuff(
25   p_id int(10) NOT NULL,
26   FOREIGN KEY (p_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
27   PRIMARY KEY (p_id),
28   phone VARCHAR(255) NOT NULL,
29   dep_id int(10) NOT NULL,
30   FOREIGN KEY (dep_id) REFERENCES department(id) ON DELETE CASCADE ON UPDATE CASCADE,
31   UNIQUE (phone)
32 );
33 CREATE TABLE ask(
34   s_id int(10) NOT NULL,
35   t_id INT(10) NOT NULL,
36   question VARCHAR(255) NOT NULL,
37   answer VARCHAR(255) DEFAULT NULL,
38   created_at timestamp NOT NULL DEFAULT '0000-00-00 00:00:00',
39   updated_at timestamp NOT NULL DEFAULT '0000-00-00 00:00:00',
40   FOREIGN KEY (s_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
41   FOREIGN KEY (t_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
42   PRIMARY KEY (s_id,t_id,question,updated_at,created_at)
43 );
44 CREATE TABLE course(
45   id INT(10) NOT NULL AUTO_INCREMENT,
46   name VARCHAR(255) NOT NULL,
47   name_code CHAR(6) NOT NULL,
48   dep_id INT(10) NOT NULL,
49   PRIMARY KEY (id),
50   FOREIGN KEY (dep_id) REFERENCES department(id) ON DELETE CASCADE ON UPDATE CASCADE,
51   UNIQUE (name_code)
52 );
53 CREATE TABLE teach(
54   st_id int(10) NOT NULL ,
55   c_id int(10) NOT NULL ,
56   PRIMARY KEY (st_id,c_id),
57   FOREIGN KEY (st_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
58   FOREIGN KEY (c_id) REFERENCES course(id) ON DELETE CASCADE ON UPDATE CASCADE
59 );
60 CREATE TABLE joined(
61   student_id int(10) NOT NULL ,
62   c_id int(10) NOT NULL ,
```

# sqlcode

```
63 PRIMARY KEY (student_id,c_id),
64 FOREIGN KEY (student_id)REFERENCES person(id)ON DELETE CASCADE ON UPDATE CASCADE,
65 FOREIGN KEY (c_id) REFERENCES course(id)ON DELETE CASCADE ON UPDATE CASCADE
66 );
67 CREATE TABLE resource(
68 id INTEGER Not NULL AUTO_INCREMENT,
69 name VARCHAR (255) NOT NULL ,
70 link VARCHAR (255) NOT NULL ,
71 description VARCHAR (255) ,
72 type VARCHAR (255) NOT NULL ,
73 PRIMARY KEY (id) ,
74 UNIQUE (link)
75 );
76
77 CREATE TABLE deliverable (
78 id INTEGER NOT NULL AUTO_INCREMENT,
79 name VARCHAR(255) NOT NULL,
80 brief_desc VARCHAR(255),
81 des_link VARCHAR(255),
82 deadline VARCHAR(255) NOT NULL,
83 UNIQUE(des_link),
84 type VARCHAR(255),
85 PRIMARY KEY (id));
86
87 CREATE TABLE upload_d(
88 st_id INTEGER NOT NULL ,
89 c_id INTEGER NOT NULL ,
90 d_id INTEGER NOT NULL ,
91 date TIMESTAMP NOT NULL DEFAULT '0000-00-00 00:00:00' ,
92 PRIMARY KEY (st_id,c_id,d_id) ,
93 FOREIGN KEY (st_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE ,
94 FOREIGN KEY (c_id) REFERENCES course(id) ON DELETE CASCADE ON UPDATE CASCADE ,
95 FOREIGN KEY (d_id) REFERENCES deliverable(id) ON DELETE CASCADE ON UPDATE CASCADE
96
97 );
98
99 CREATE TABLE upload_r (
100 st_id INTEGER NOT NULL,
101 c_id INTEGER NOT NULL,
102 r_id INTEGER NOT NULL,
103 created_at TIMESTAMP NOT NULL DEFAULT '0000-00-00 00:00:00',
104 updated_at TIMESTAMP NOT NULL DEFAULT '0000-00-00 00:00:00',
105 PRIMARY KEY (st_id,c_id,r_id),
106 FOREIGN KEY (st_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
107 FOREIGN KEY (c_id) REFERENCES course(id) ON DELETE CASCADE ON UPDATE CASCADE,
108 FOREIGN KEY (r_id) REFERENCES resource(id) ON DELETE CASCADE ON UPDATE CASCADE);
109
110 CREATE TABLE submit (
111 sd_id INTEGER NOT NULL,
112 c_id INTEGER NOT NULL,
113 d_id INTEGER NOT NULL,
114 creatd_at TIMESTAMP NOT NULL DEFAULT '0000-00-00 00:00:00',
115 updated_at TIMESTAMP NOT NULL DEFAULT '0000-00-00 00:00:00',
116 ans_link VARCHAR(255) DEFAULT NULL,
117 UNIQUE(ans_link),
118 PRIMARY KEY (sd_id,d_id,c_id),
119 FOREIGN KEY (sd_id) REFERENCES person(id) ON DELETE CASCADE ON UPDATE CASCADE,
120 FOREIGN KEY (c_id) REFERENCES course(id) ON DELETE CASCADE ON UPDATE CASCADE,
121 FOREIGN KEY (d_id) REFERENCES deliverable(id) ON DELETE CASCADE ON UPDATE CASCADE);
```

## Classes

```
1 // STuff Class
2
3 <?php
4 include $_SERVER["DOCUMENT_ROOT"] . "/College_Portal/dbconnect.php";
5 class Stuff
6 {
7     public static function is_stuff($id)
8     {
9         global $conn;
10        $sql = "SELECT * FROM stuff WHERE p_id='$id'";
11        $result = mysqli_query($conn, $sql);
12        if (mysqli_num_rows($result) > 0)
13        {
14            return true;
15        }
16        else
17        {
18            return false;
19        }
20    }
21
22    public static function get_Courses($id)
23    {
24        global $conn;
25        $sql = "SELECT c_id FROM teach WHERE st_id='$id'";
26        $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
27        if ($result->num_rows > 0) {
28            $courses = array();
29            while ($row = $result->fetch_assoc()) {
30                array_push($courses, $row['c_id']);
31            }
32            return $courses;
33        } else {
34            return 0;
35        }
36    }
37
38    public static function get_students($c_id)
39    {
40        global $conn;
41        $sql = "SELECT student_id FROM joined WHERE c_id='$c_id'";
42        $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
43        if ($result->num_rows > 0)
44        {
45            $students = array();
46            while($row = $result->fetch_assoc()) {
47                array_push($students,$row['student_id']);
48            }
49            return $students;
50        }
51        else
52        {
53            return 0;
54        }
55    }
56
57    public static function get_Deliverables($id,$c_id)
58    {
59        global $conn;
60        $sql = "SELECT d_id FROM upload_d WHERE st_id = '$id' AND c_id='$c_id'";
61        $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
62        if ($result->num_rows > 0)
```

## Classes

```
63     {
64         $d_ids = array();
65         while($row = $result->fetch_assoc()) {
66             array_push($d_ids,$row['d_id']);
67         }
68         return $d_ids;
69     }
70     else
71     {
72         return 0;
73     }
74 }
75
76 public static function get_phone($id)
77 {
78     global $conn;
79     $sql = "SELECT phone FROM stuff WHERE p_id='$id'";
80     $result = mysqli_query($conn, $sql);
81     if (mysqli_num_rows($result) > 0) {
82         $row = mysqli_fetch_assoc($result);
83         return $row["phone"];
84     }
85     else return NULL;
86 }
87 public static function get_unanswered($id)
88 {
89     global $conn;
90     $unanswered = array( );
91     $sql = "SELECT * FROM ask WHERE answer=NULL";
92     $result = mysqli_query($conn, $sql);
93     if (mysqli_num_rows($result) > 0) {
94         while($row = $result->fetch_assoc()) {
95             $student_id = $row["s_id"];
96             $stuff_id = $row["t_id"];
97             $question = $row["question"];
98             $date = $row["created_at"];
99             $data = array(
100
101                 "student_id" => $student_id,
102                 "stuff_id" => $stuff_id,
103                 "question" => $question,
104                 "date" => $date
105             );
106             array_push($unanswered,$data);
107         }
108         return $unanswered;
109     }
110     else return NULL;
111 }
112
113 public static function get_answered($id)
114 {
115     global $conn;
116     $answered = array( );
117     $sql = "SELECT * FROM ask WHERE answer<>NULL";
118     $result = mysqli_query($conn, $sql);
119     if (mysqli_num_rows($result) > 0) {
120         while ($row = $result->fetch_assoc()) {
121             $student_id = $row["s_id"];
122             $stuff_id = $row["t_id"];
123             $question = $row["question"];
124             $date = $row["created_at"];
```

## Classes

```
125         $data = array(
126
127             "student_id" => $student_id,
128             "stuff_id" => $stuff_id,
129             "question" => $question,
130             "date" => $date
131         );
132         array_push($answered, $data);
133     }
134     return $answered;
135 }
136 else return NULL;
137 }
138
139 public static function upload_resource($name_r,$link_r,$description_r,$type_r,$st_id,
140 $c_id)
141 {
142     // this will create an entry in in the resources table
143     //and also an entry in the upload resource table
144     global $conn;
145     $sql = "INSERT INTO resource (name, link,description,type)
146     VALUES ('$name_r', '$link_r','$description_r', '$type_r')";
147     if ($conn->query($sql) === TRUE)
148     {
149         $sqlx = "SELECT id FROM resource WHERE link ='$link_r'";
150         $result = $conn->query($sqlx)or die('Query failed: ' . mysql_error());
151         $id_r = -1;
152         if ($result->num_rows > 0)
153         {
154             while($row = $result->fetch_assoc())
155             {
156                 $id_r = $row['id'];
157                 $sqlxx = "INSERT INTO upload_r (st_id, c_id,r_id)
158                 VALUES ('$st_id','$c_id','$id_r')";
159                 if ($conn->query($sqlxx) === TRUE)
160                 {
161                     return "UPLOAD SUCCESSFULL";
162                 }
163                 else
164                 {
165                     return "FAILED TO ENTER THE RESOURCE IN THE UPLOAD TABLE";
166                 }
167             }
168         }
169         else
170         {
171             return "FAILED TO FIND THE RESOURCE";
172         }
173     }
174     else
175     {
176         return "FAILED TO ENTER THE RESOURCE IN THE RESOURCE TABLE";
177     }
178 }
179
180 public static function upload_deliverable($name,$brief_desc,$des_link,$type,$deadline,
181 $st_id,$c_id)
182 {
183     global $conn;
184     $sql = "INSERT INTO deliverable (name, brief_desc,des_link,type,deadline)
185     VALUES ('$name', '$brief_desc','$des_link', '$type','$deadline')";
186     if ($conn->query($sql) === TRUE)
187     {
188         $sqlx = "SELECT id FROM deliverable WHERE des_link ='$des_link'";
189         $result = $conn->query($sqlx)or die('Query failed: ' . mysql_error());
```

## Classes

```
185         $id_d = -1;
186         if ($result->num_rows > 0)
187         {
188             while($row = $result->fetch_assoc())
189             {
190                 $id_d = $row['id'];
191                 $sqlxx = "INSERT INTO upload_d (st_id, c_id,d_id)
192                 VALUES ('$st_id','$c_id','$id_d')";
193                 if ($conn->query($sqlxx) === TRUE)
194                 {
195                     return "UPLOAD SUCCESSFULL";
196                 }
197                 else
198                 {
199                     return "FAILED TO ENTER THE DELIVERABLE IN THE UPLOAD TABLE";
200                 }
201             }
202         }
203         else
204         {
205             return "FAILED TO FIND THE DELIVERABLE";
206         }
207     }
208     else
209     {
210         return "FAILED TO ENTER THE DELIVERABLE IN THE DELIVERABLE TABLE";
211     }
212 }
213
214 public static function answer($id,$sd_id,$question,$date,$answer)
215 {
216     global $conn;
217     $sql = "UPDATE ask SET answer='$answer' WHERE t_id='$id' AND s_id = '$sd_id'
218     AND question = '$question' AND created_at = '$date'";
219     if ($conn->query($sql) === TRUE) {
220         return true;
221     } else {
222         return false;
223     }
224 }
225
226 public static function get_submitted($c_id,$d_id)
227 {
228     global $conn;
229     $submitted = array();
230     $sql = "SELECT sd_id,ans_link FROM submit WHERE c_id = '$c_id' AND d_id = '$d_id'";
231     $result = mysqli_query($conn, $sql);
232     if (mysqli_num_rows($result) > 0) {
233         while ($row = $result->fetch_assoc()) {
234             $student_id = $row["sd_id"];
235             $answer_link = $row["ans_link"];
236             $data = array(
237                 "student_id" => $student_id,
238                 "answer_link" => $answer_link
239             );
240             array_push($submitted, $data);
241         }
242         return $submitted;
243     }
244     else return NULL;
245 }
246
247 public static function get_answerLink($s_id,$c_id,$d_id)
```

## Classes

```

247     {
248         global $conn;
249         $submitted = array();
250         $sql = "SELECT ans_link FROM submit WHERE sd_id = '$s_id' AND c_id = '$c_id' AND
    d_id = '$d_id'";
251         $result = mysqli_query($conn, $sql);
252         if (mysqli_num_rows($result) > 0) {
253             $row = mysqli_fetch_assoc($result);
254             return $row["ans_link"];
255         }
256         else return NULL;
257     }
258     public static function get_nonSubmitted($c_id,$d_id)
259     {
260         global $conn;
261         $nonSubmitted = array();
262         $sql = "SELECT p_id FROM student WHERE p_id NOT IN (
263             SELECT sd_id FROM submit WHERE c_id = '$c_id' AND d_id = '$d_id')";
264         $result = mysqli_query($conn,$sql);
265         if(mysqli_num_rows($result)>0)
266         {
267             while($row = $result->fetch_assoc())
268             {
269                 $student_id = $row["p_id"];
270                 array_push($nonSubmitted,$student_id);
271             }
272             return $nonSubmitted;
273         }
274         else return NULL;
275     }
276
277     public static function get_Email($id)
278     {
279         global $conn;
280         $sql = "SELECT email FROM person WHERE id = '$id'";
281         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
282         if ($result->num_rows > 0)
283         {
284             while($row = $result->fetch_assoc()) {
285                 $email = $row['email'];
286                 return $email;
287             }
288
289         }
290         else
291         {
292             return 0;
293         }
294     }
295     public static function get_Resources_Ids($c_id)
296     {
297         global $conn;
298         $sql = "SELECT r_id FROM upload_r WHERE c_id = '$c_id'";
299         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
300         if ($result->num_rows > 0)
301         {
302             $r_ids = array();
303             while($row = $result->fetch_assoc()) {
304                 array_push($r_ids,$row['r_id']);
305             }
306             return $r_ids;
307         }

```



## Classes

```
308     else
309     {
310         return NULL;
311     }
312 }
313
314 public static function getMessages($c_id)
315 {
316     global $conn;
317     $sql = "SELECT * FROM ask WHERE c_id='$c_id'";
318     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
319     if ($result->num_rows > 0)
320     {
321         $messages = array();
322         while ($row = $result->fetch_assoc()) {
323             $data = array(
324
325                 "student_id" => $row['s_id'],
326                 "question" => $row['question']
327             );
328             array_push($messages, $data);
329         }
330         return $messages;
331     }
332     else
333     {
334         return NULL;
335     }
336 }
337
338
339
340
341 }
342
343 //Student Class
344
345 <?php
346 include $_SERVER["DOCUMENT_ROOT"] . "/College_Portal/dbconnect.php";
347 Class Student
348 {
349     public static function is_Student($id)
350     {
351         global $conn;
352         $sql = "SELECT p_id FROM student WHERE p_id='$id'";
353         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
354         if ($result->num_rows > 0)
355         {
356             return true;
357         }
358         else
359         {
360             return false;
361         }
362     }
363     public static function get_Year($id)
364     {
365         global $conn;
366         $sql = "SELECT studyingyear FROM student WHERE p_id='$id'";
367         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
368         if ($result->num_rows > 0)
369         {
```

## Classes

```
370         while($row = $result->fetch_assoc()) {
371             $year = $row['studyingyear'];
372             return $year;
373         }
374
375     }
376     else
377     {
378         return 0;
379     }
380 }
381 public static function ask($id,$c_id,$question)
382 {
383     global $conn;
384     $sql = "INSERT INTO ask (s_id, c_id, question)
385     VALUES ('$id', '$c_id', '$question')";
386     if ($conn->query($sql) === TRUE)
387     {
388         return TRUE;
389     }
390     else
391     {
392         return FALSE;
393     }
394 }
395
396 public static function get_Courses($id)
397 {
398     global $conn;
399     $sql = "SELECT c_id FROM joined WHERE student_id ='$id'";
400     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
401     if ($result->num_rows > 0)
402     {
403         $courses = array();
404         while($row = $result->fetch_assoc()) {
405             array_push($courses,$row['c_id']);
406         }
407         return $courses;
408     }
409     else
410     {
411         return 0;
412     }
413 }
414
415 public static function get_Tas_OfCourse($id)
416 {
417     global $conn;
418     $sql = "SELECT st_id FROM teach WHERE c_id ='$id'";
419     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
420     if ($result->num_rows > 0)
421     {
422         $Tas = array();
423         while($row = $result->fetch_assoc()) {
424             array_push($Tas,$row['st_id']);
425         }
426         return $Tas;
427     }
428     else
429     {
430         return 0;
431     }
432 }
```

## Classes

```
432
433 }
434 public static function get_Deliverables_Ids($sd_id,$c_id)
435 {
436     global $conn;
437     $sql = "SELECT d_id FROM upload_d WHERE d_id NOT IN (
438         SELECT d_id FROM submit WHERE sd_id = '$sd_id' AND c_id = '$c_id')";
439     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
440     if ($result->num_rows > 0)
441     {
442         $d_ids = array();
443         while($row = $result->fetch_assoc()) {
444             array_push($d_ids,$row['d_id']);
445         }
446         return $d_ids;
447     }
448     else
449     {
450         return NULL;
451     }
452 }
453 /*public static function get_nonSubmitted_Deliverables($c_id)
454 {
455     global $conn;
456     $sql = "SELECT d_id FROM upload_d WHERE c_id = '$c_id'";
457     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
458     if ($result->num_rows > 0)
459     {
460         $d_ids = array();
461         while($row = $result->fetch_assoc()) {
462             array_push($d_ids,$row['d_id']);
463         }
464         return $d_ids;
465     }
466     else
467     {
468         return NULL;
469     }
470 }*/
471 public static function get_Resources_Ids($c_id)
472 {
473     global $conn;
474     $sql = "SELECT r_id FROM upload_r WHERE c_id = '$c_id'";
475     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
476     if ($result->num_rows > 0)
477     {
478         $r_ids = array();
479         while($row = $result->fetch_assoc()) {
480             array_push($r_ids,$row['r_id']);
481         }
482         return $r_ids;
483     }
484     else
485     {
486         return NULL;
487     }
488 }
489 public static function submit_deliverable($sd_id,$c_id,$d_id,$ans_link)
490 {
491     global $conn;
492     $sql = "SELECT deadline FROM deliverable WHERE id = '$d_id'";
493     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
```

## Classes

```

494     if ($result->num_rows > 0)
495     {
496         while($row = $result->fetch_assoc()) {
497             $deadline = $row['deadline'];
498             date_default_timezone_set('Africa/Cairo');
499             $current_date = new DateTime('now');
500             $format = "Y-m-d H:i:s";
501             $date1 = DateTime::createFromFormat($format, $deadline);
502             echo date_format($date1,"Y-m-d H:i:s");
503             echo"<br>";
504             echo date_format($current_date,"Y-m-d H:i:s");
505             echo"<br>";
506             if($date1>$current_date)
507             {
508                 $sql = "INSERT INTO submit (sd_id, c_id,d_id,ans_link)
509                 VALUES ('$sd_id', '$c_id','$d_id', '$ans_link')";
510                 if ($conn->query($sql) === TRUE)
511                 {
512                     return "Deliverable Submitted";
513                 }
514                 else
515                 {
516                     return "Sorry Something went wrong on submission";
517                 }
518             }
519             else
520             {
521                 return"Deadline Already Passed";
522             }
523         }
524     }
525     else
526     {
527         return "Deadline not found =/";
528     }
529 }
530
531
532 public static function get_Email($id)
533 {
534     global $conn;
535     $sql = "SELECT email FROM person WHERE id ='$id'";
536     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
537     if ($result->num_rows > 0)
538     {
539         while($row = $result->fetch_assoc()) {
540             $email = $row['email'];
541             return $email;
542         }
543     }
544     else
545     {
546         return 0;
547     }
548 }
549
550
551
552 public static function get_name($id)
553 {
554     global $conn;
555     $sql = "SELECT fname,mname,lname FROM person WHERE id ='$id'";

```

## Classes

```
556     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
557     if ($result->num_rows > 0)
558     {
559         while($row = $result->fetch_assoc()) {
560             $name = $row['fname']." ".$row['mname']." ".$row['lname'];
561             return $name;
562         }
563     }
564     }
565     else
566     {
567         return NULL;
568     }
569 }
570 public static function get_messages($s_id,$c_id)
571 {
572     global $conn;
573     $sqlx = "SELECT * FROM ask WHERE s_id = '$s_id' AND c_id = '$c_id'";
574     $resultx = $conn->query($sqlx)or die('Query failed: ' . mysql_error());
575     $messages = array();
576     if ($resultx->num_rows > 0)
577     {
578         while($rowx= $resultx->fetch_assoc()) {
579             $message = array(
580                 "s_id" =>$rowx['s_id'],
581                 "question" =>$rowx['question'],
582                 "answer" =>$rowx['answer']
583             );
584             array_push($messages,$message);
585         }
586     }
587     return $messages;
588 }
589
590 else
591 {
592     return NULL;
593 }
594 }
595 }
596 }
597
598 // Resource Class
599
600 <?php
601 include $_SERVER["DOCUMENT_ROOT"] . "/College_Portal/dbconnect.php";
602
603
604 class Resource
605 {
606     public $id;
607     public $name;
608     public $link;
609     public $description;
610     public $type;
611
612
613     public static function get_name($id){
614         global $conn;
615         $sql = "SELECT name FROM resource WHERE id=" . $id . "";
616         // $conn = new mysqli("localhost", "root", "", "college_portal");
617         $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
```

## Classes

```
618
619     if ($result->num_rows > 0) {
620         // output data of each row
621         while($row = $result->fetch_assoc()) {
622             return $row['name'];
623         }
624     } else {
625         return NULL;
626     }
627 }
628 public static function get_link($id){
629     global $conn;
630     $sql = "SELECT link FROM resource WHERE id=" . $id . "";
631     // $conn = new mysqli("localhost", "root", "", "college_portal");
632     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
633
634     if ($result->num_rows > 0) {
635         // output data of each row
636         while($row = $result->fetch_assoc()) {
637             return $row['link'];
638         }
639     } else {
640         return NULL;
641     }
642 }
643
644 public static function get_description($id){
645     global $conn;
646     $sql = "SELECT description FROM resource WHERE id=" . $id . "";
647     // $conn = new mysqli("localhost", "root", "", "college_portal");
648     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
649
650     if ($result->num_rows > 0) {
651         // output data of each row
652         while($row = $result->fetch_assoc()) {
653             return $row['description'];
654         }
655     } else {
656         return NULL;
657     }
658 }
659
660 public static function get_type($id){
661     global $conn;
662     $sql = "SELECT type FROM resource WHERE id=" . $id . "";
663     // $conn = new mysqli("localhost", "root", "", "college_portal");
664     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
665
666     if ($result->num_rows > 0) {
667         // output data of each row
668         while($row = $result->fetch_assoc()) {
669             return $row['type'];
670         }
671     } else {
672         return NULL;
673     }
674 }
675 }
676
677 }
678
679 ?>
```

## Classes

```
680
681 //Person Class
682
683 <?php
684 include $_SERVER["DOCUMENT_ROOT"] . "/College_Portal/dbconnect.php";
685 class Persons
686 {
687     public static function login($useremail,$userpassword) {
688
689         global $conn;
690         $query = "SELECT * FROM person WHERE email='$useremail'";
691         $result = $conn->query($query) or die('Query failed: ' . mysql_error());
692         if($result->num_rows >0)
693
694 {
695     while($line = $result->fetch_assoc())
696
697 {
698     $person_id = $line['id'];
699     $queryx = "SELECT * FROM student WHERE p_id='$person_id'";
700     //$queryname = "SELECT p_id FROM student WHERE p_id='$person_id'";
701     $resultx = $conn->query($queryx) or die('Query failed: ' . mysql_error());
702     if($resultx->num_rows>0)
703     {
704         $ids=array();
705         while ($linex = $resultx->fetch_assoc())
706         {
707             $student_id = $linex['p_id'];
708             $student_name = $line['fname'];
709
710             //array_push($ids,$row['id'])
711
712             //echo "student name is ".$student_name;
713
714             //header('Location: studenthome.php');
715             return array("id" => $student_id ,"isStudentorNot" =>1);
716
717
718
719 }}
720
721     else
722     {
723         $queryxx = "SELECT p_id FROM stuff WHERE p_id='$person_id'";
724         $resultxx = $conn->query($queryxx) or die('Query failed: ' . mysql_error());
725         while ($linexx = $resultxx->fetch_assoc())
726         {
727             $stuff_id = $linexx['p_id'];
728             $stuff_name = $line['fname'];
729
730             //echo "stuff id is ".$stuff_name;
731             //header('Location: index.php');
732             return array("id" => $stuff_id ,"isStudentorNot" =>0);
733         }
734     }
735 }
736 }
737 else
738 {
739     return NULL;
740 }
741 }
```

## Classes

```
742 public static function get_name($id)
743 {
744     global $conn;
745     $query = "SELECT fname,mname,lname FROM person WHERE id='$id'";
746     $result = $conn->query($query) or die('Query failed: ' . mysql_error());
747     if($result->num_rows >0)
748     {
749         while ($line = $result->fetch_assoc())
750         {
751             return $line['fname'].' '.$line['mname'].' '.$line['lname'];
752         }
753     }
754 }
755 }
756
757 //Departement Class
758
759 <?php
760 include $_SERVER["DOCUMENT_ROOT"] . "College_Portal/dbconnect.php";
761
762
763 class Department
764 {
765     public static function get_name($d_id) {
766         global $conn;
767         $sql = "SELECT name FROM department where id = '$d_id'";
768         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
769         if($result->num_rows >0){
770             $row = mysqli_fetch_assoc($result);
771             return $row['name'];
772         }
773         else{
774             return NULL;
775         }
776     }
777 }
778 }
779
780 ?>
781
782 //Deliverable Class
783
784 <?php
785 include $_SERVER["DOCUMENT_ROOT"] . "/College_Portal/dbconnect.php";
786
787
788 class Deliverable
789 {
790     public $id;
791     public $name;
792     public $des_link;
793     public $brief_desc;
794     public $type;
795
796
797     public static function get_name($id){
798         global $conn;
799         $sql = "SELECT name FROM deliverable WHERE id=" . $id . "";
800         // $conn = new mysqli("localhost", "root", "", "college_portal");
801         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
802
803         if ($result->num_rows > 0) {
```



## Classes

```
804         // output data of each row
805         while($row = $result->fetch_assoc()) {
806             return $row['name'];
807         }
808     } else {
809         return NULL;
810     }
811 }
812 public static function get_des_link($id){
813     global $conn;
814     $sql = "SELECT des_link FROM deliverable WHERE id=" . $id . "";
815     // $conn = new mysqli("localhost", "root", "", "college_portal");
816     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
817
818     if ($result->num_rows > 0) {
819         // output data of each row
820         while($row = $result->fetch_assoc()) {
821             return $row['des_link'];
822         }
823     } else {
824         return NULL;
825     }
826 }
827 }
828 public static function get_brief_desc($id){
829     global $conn;
830     $sql = "SELECT brief_desc FROM deliverable WHERE id=" . $id . "";
831     // $conn = new mysqli("localhost", "root", "", "college_portal");
832     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
833
834     if ($result->num_rows > 0) {
835         // output data of each row
836         while($row = $result->fetch_assoc()) {
837             return $row['brief_desc'];
838         }
839     } else {
840         return NULL;
841     }
842 }
843 }
844 public static function get_type($id){
845     global $conn;
846     $sql = "SELECT type FROM deliverable WHERE id=" . $id . "";
847     // $conn = new mysqli("localhost", "root", "", "college_portal");
848     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
849
850     if ($result->num_rows > 0) {
851         // output data of each row
852         while($row = $result->fetch_assoc()) {
853             return $row['type'];
854         }
855     } else {
856         return NULL;
857     }
858 }
859 }
860 public static function get_deadline($id){
861     global $conn;
862     $sql = "SELECT deadline FROM deliverable WHERE id=" . $id . "";
863     // $conn = new mysqli("localhost", "root", "", "college_portal");
864     $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
865 }
```

## Classes

```
866         if ($result->num_rows > 0) {
867             // output data of each row
868             while($row = $result->fetch_assoc()) {
869                 return $row['deadline'];
870             }
871         } else {
872             return NULL;
873         }
874     }
875 }
876
877 }
878
879 ?>
880
881 //Course Class
882
883 <?php
884 include $_SERVER["DOCUMENT_ROOT"] . "/College_Portal/dbconnect.php";
885
886 class Course
887 {
888     public static function get_name($c_id) {
889         global $conn;
890         $sql = "SELECT name FROM course where id = '$c_id'";
891         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
892         if($result->num_rows > 0){
893             $row = mysqli_fetch_assoc($result);
894             return $row['name'];
895         }
896         else{
897             return NULL;
898         }
899     }
900     public static function get_id($codename) {
901         global $conn;
902         $sql = "SELECT id FROM course where name_code = '$codename'";
903         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
904         if($result->num_rows > 0){
905             $row = mysqli_fetch_assoc($result);
906             return $row['id'];
907         }
908         else{
909             return NULL;
910         }
911     }
912     public static function get_name_code($c_id) {
913         global $conn;
914         $sql = "SELECT name_code FROM course where id = '$c_id'";
915         $result = $conn->query($sql) or die('Query failed: ' . mysql_error());
916         if($result->num_rows > 0){
917             $row = mysqli_fetch_assoc($result);
918             return $row['name_code'];
919         }
920         else{
921             return NULL;
922         }
923     }
924
925     public static function get_dep_id($c_id) {
926         global $conn;
927         $sql = "SELECT dep_id FROM course where id = '$c_id'";
```

## Classes

```
928     $result = $conn->query($sql)or die('Query failed: ' . mysql_error());
929     if($result->num_rows >0){
930         $row = mysqli_fetch_assoc($result);
931         return $row['dep_id'];
932     }
933     else{
934         return NULL;
935     }
936 }
937
938 }
939
940 ?>
941
```