

# NETBOOST DOCUMENTATION

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April 1st, 2018

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## TASK MANAGER by Liz Kovalchuk

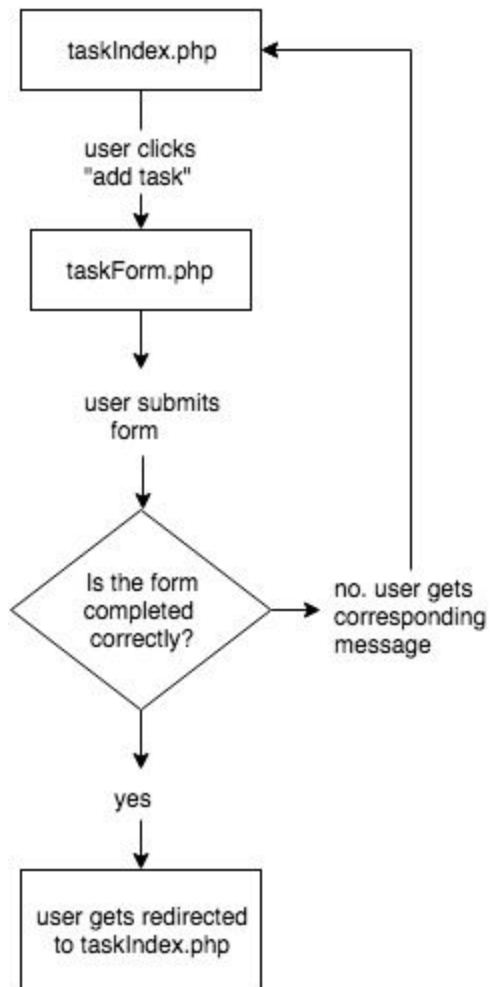
### BRIEF DESCRIPTION

The Task Manager will be accessible to students within a group and the teacher in charge of the project, meaning that students who are non members of the group will not be able to access the Task Manager of that group. The Task Manager is an interface that allows students to create tasks that will be stored in a database and showed in a table on the page for viewing. The table in the database will have the following fields:

#### Tasks Table

Column Name	Description
id - int(11)	This field uniquely identifies each task
project_id - int(11)	This field is a FK from the projects table.
name - varchar(50)	This field the name of the task and inputted by the user.
status - varchar(50)	This field states the status of the task. It can be; in progress or complete.
date_created - Datetime (timestamp)	This field will be auto generated with timestamp.
due_date - Datetime	This field lists the due date of the task and inputted by the user.
length_hours - int(11)	This field lists the estimated amount of time the task will take to complete and is inputted by the user.
notes - varchar(200)	This field allows students to input notes pertaining to that particular task.
creator- int(11)	This field is auto generated with session variables and shows which student created the task using their user_id from the user table

## PROGRAMMING LOGIC



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, professional design and code (with comments), consistent naming that follows conventions and the feature works as described.
Tier 2	Using MVC framework. Use AJAX to interact with the database. Use external libraries to display the user picture beside the note they create. Use D3 library <i>Collapsible Indented Tree</i> ( <a href="https://bl.ocks.org/mbostock/1093025">https://bl.ocks.org/mbostock/1093025</a> )
Tier 3	Create chat system within the task Manager.

## MILESTONES by Liz Kovalchuk

### BRIEF DESCRIPTION

The Milestone feature shows graphs of the project milestones. The graphs are generated based on information in the database that is inputted by the student and/or teacher users. Similar to the task manager feature, this feature is only accessible to students who are in the same group and the teacher who created the project.

When a student or teacher user opens the Milestone feature for the first time, there will be a pie chart that is 100% red representing that the project is 100% incomplete. Beside the pie chart, there will be an xy axis graph that is blank. The x axis will display time and will begin at zero. The last unit will be the amount of days between the project creation and the due date (as indicated by the teacher user).

Below both graphs there will be a large button that reads “Add Milestone”. When the user clicks the “Add Milestone” button, they are redirected to a new page with a form. The form will have the following fields: Name of Milestone, Percentage of Project, Estimated Days to Complete and Notes. Once the fields are filled-in by the user, they can press a submit button that will take their input and alter the pie chart and the xy axis graph.

#### Pie Chart Manipulation:

Upon submitting, a new slice of the pie chart will appear based on the user input from the “percentage of project” field. The slice will be labeled with the input from the “Name of Milestone” field. The slice will be red while the milestone is incomplete and will become green when it is complete. When you hover over that slice, a box will appear with the notes from the “Notes” field (if there are notes). If the percentages exceed 100%, a pop-up will appear asking if they want other milestones to be adjusted proportionally or all milestones adjusted proportionally (including the newly inputted milestone). If they choose yes, algorithms will adjust the milestones accordingly so they do not exceed 100%.

#### Xy Axis Graph Manipulation:

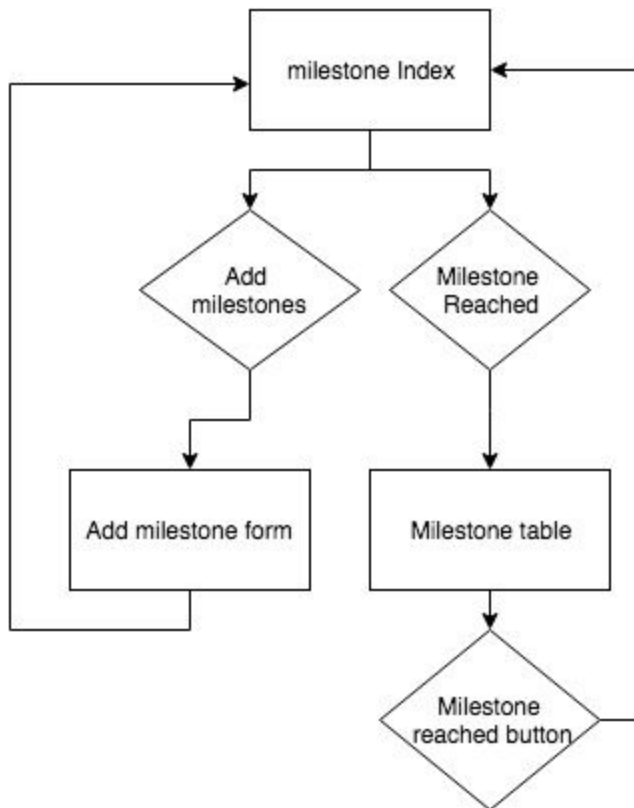
The user input from the “Name of Milestone” field will become the first unit on the y axis. Additional milestones will become adjacent units. A bar beside the “Name of Milestone” y axis unit will appear and stretch along the x axis based on the “Estimated Days to Complete”. The bar will be red while the milestone is incomplete and will become green when it is complete.

Below the “Add Milestone” button, there is a “Milestone Reached” button. When the user clicks this button, they are redirected to another page that shows all their inputted milestones in a table. The columns of the tables will correspond to the field of the “Add Milestone” form. An additional column will have a button for every record that says “Milestone Reached”. Upon pressing the button, the pie chart and xy axis graph will change accordingly.

## Milestones Table

Column Name	Description
id - int(11)	This field uniquely identifies each milestone
project_id - int(11)	This field is a FK from the projects table.
name - varchar(50)	This field is the name of the milestone and is inputted by the user.
percentage - decimal (10,0)	This field states the status of the task. It can be; in progress or complete.
length_days - int(11)	This field will be auto generated with timestamp.
notes - varchar(1000)	This field lists the due date of the task and inputted by the user.
creator- int(11)	This field is auto generated with session variables and shows which student created the task using their user_id from the user table

## PROGRAMMING LOGIC



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, professional design and code (with comments), consistent naming that follows conventions and the feature works as described. Graph and Pie chart are generated with google charts API.
Tier 2	Using MVC framework. Use AJAX to interact with the database and to eliminate the form page and have the form appear below when clicking the “Add Milestone” button.
Tier 3	Use AJAX to eliminate the form page and have the form appear as a modal child window when clicking the “Add Milestone” button. Use D3 library <i>Radial Progress</i> ( <a href="http://vizuly.io/product/radial-progress/?demo=d3js">http://vizuly.io/product/radial-progress/?demo=d3js</a> )

## TEACHERS APPROVE TOP PICKS by Liz Kovalchuk

### BRIEF DESCRIPTION

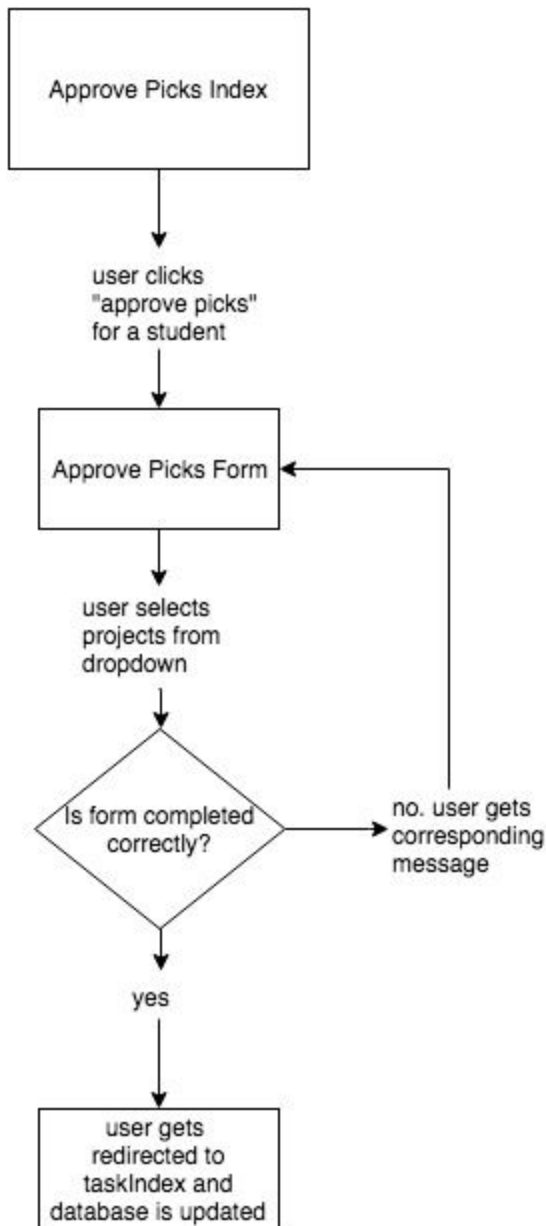
The teacher user will have the final say regarding which students get assigned which projects. The index page of this feature will list all the students in the teacher’s course. Each student listing will list their top, 2nd and third project choice. The student listing will also list their assigned project. If the student has not been assigned a project, the assigned project listing will be blank.

If the teacher wants to assign a student to a project, they will click a “Assign Project” button. Upon clicking this button, the teacher will be redirected to an Approve Form page. The Approve Form page will have the student info and a dropdown menu that lists all the projects. Once the teacher selects the project for that student, they can click a “Assign Project” button that will finalize which project get assigned the student. The teacher will also be redirected back to the index of the Approve Pick feature. The student’s assigned project listing will be updated with their assigned project.

### Picks Table:

Column Name	Description
id - int(11)	This field uniquely identifies each pick
project_id - int(11)	This field is a FK from the projects table.
student_id - int(11)	This field is a FK from the students table.
rating - decimal (10,0)	This field is a numeric value inputted by the student from the “students pick” feature.
status - varchar(50)	This field states the status of the pick. It can be; ranked or unranked.
assign - tinyint(1)	This field is a boolean. Default is 0.

## PROGRAMMING LOGIC



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, professional design and code (with comments), consistent naming that follows conventions and the feature works as described.
Tier 2	Using MVC framework. Use AJAX to interact with the database and to eliminate the form page and have the form appear below when clicking the "Assign Project" button.
Tier 3	Use AJAX to eliminate the "Assign Project Form" page and have the form appear as a modal child window when clicking the "Assign Project" button.

## NEWSFEED by Diego Moncada

### BRIEF DESCRIPTION

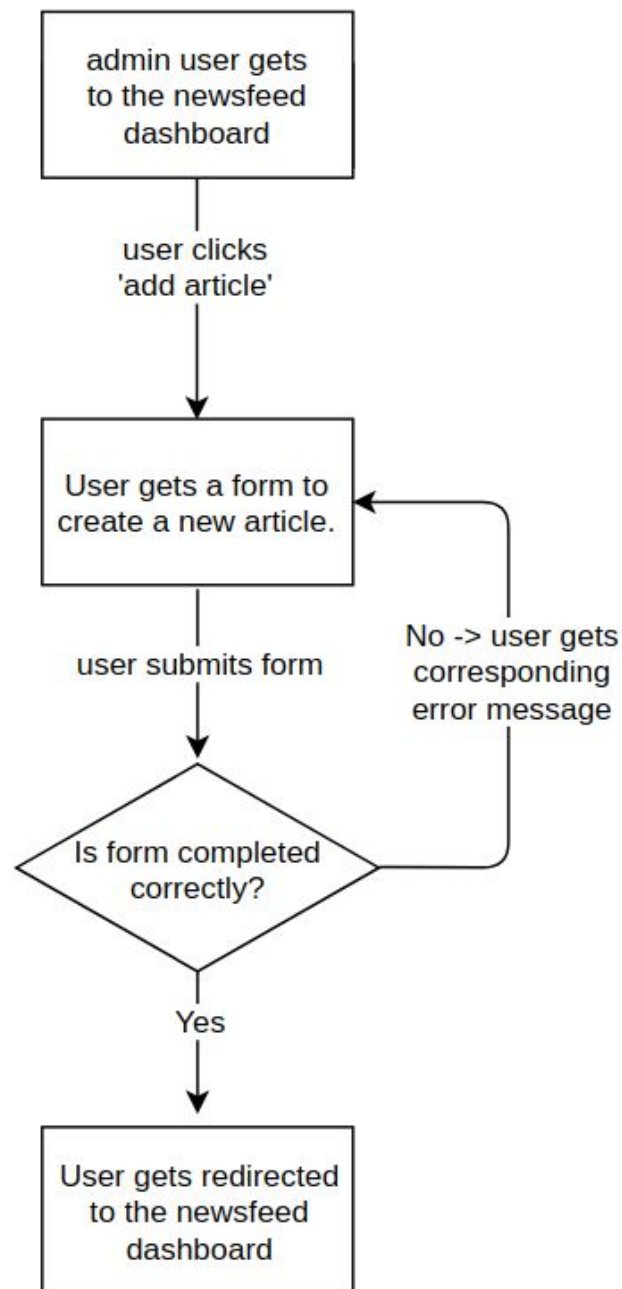
The newsfeed will be a tool to publish to the public audience of the website articles designed by the administrator of the website. The admin of the website will be able to perform CRUD to the articles, managing which articles will be showing to the public and which ones are not, having the option to set a publication date in advance. The articles will be stored in a table in the database with the table columns shown below.

### Articles Table

Column Name	Description
id	Autogenerated primary key.
title - varchar(50)	This field contains the title of an article.
body - varchar(max)	This field contains the body of the article.
image url - varchar(50)	This field contains the address of the image corresponding to the article
publish date - datetime	This field stores the date an article was published, which will also be shown to the public. This field will let the admin set a date for a specific publication.
user_id - foreign key (users)	This field is auto generated with session variables and shows which student created the task.
category_id - foreign key (category)	This fields will store the category that the administrator gives to the article, which will later let the user filter by them.
date_created	This field will store the date the article was created in the database.



## DATAFLOW LOGIC



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, professional design and code (with comments), consistent naming that follows conventions and the feature works as described.
Tier 2	Using MVC framework. Use AJAX to interact with the database. Use external libraries to display the picture of the article.

Tier 3	Set different tables newsfeed for each audience. Make a advanced search-bar (elastic-search or other). Add html editor.
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## STUDENT CHOOSES PROJECT by Diego Moncada

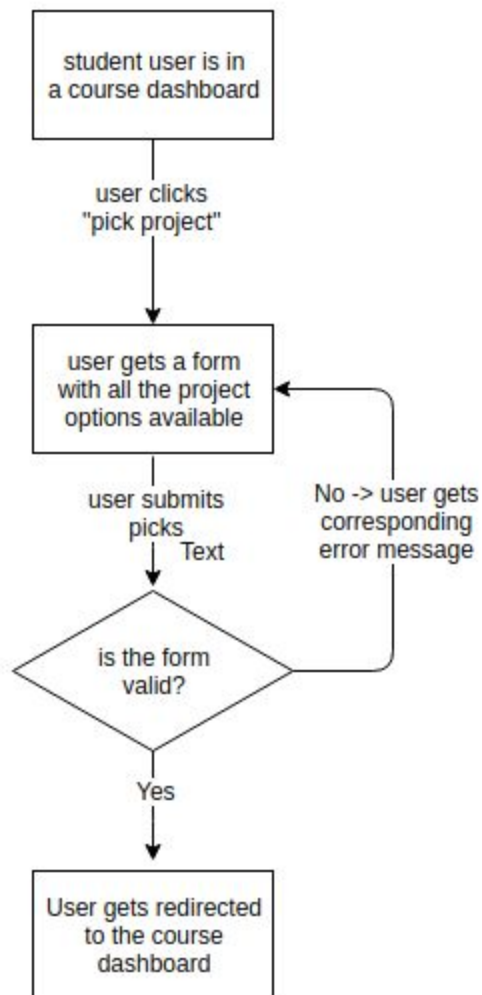
### BRIEF DESCRIPTION

Once a course teacher has all the projects chosen for that course, it will be the turn of the students to choose their preferences in the posted projects. The students will have the chance to send the teacher their preferences, based on the information available of the project. This information will be used by the teacher to assign students to projects. For this feature we will need to deploy the following table.

### Picks Table

Column Name	Description
id	Autogenerated primary key.
project_id - foreign key (project)	This field contains reference to the project that is being picked/rated.
student_id - foreign key (student)	This field contains the reference to the student that picking/rating.
ratings - decimal	This field will store the rate that was given to the project.
status - varchar(50)	This field the status of the pick. Will also tell if the project was assigned afterwards.

## PROGRAMMING LOGIC



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, professional design and code (with comments), consistent naming that follows conventions and the feature works as described.
Tier 2	Using MVC framework. Use AJAX to interact with the database.
Tier 3	Use library or api to organize and distribute the projects to the students, maximizing the students that get their preferred choices.

## USERS RATE COMPANY by Diego Moncada

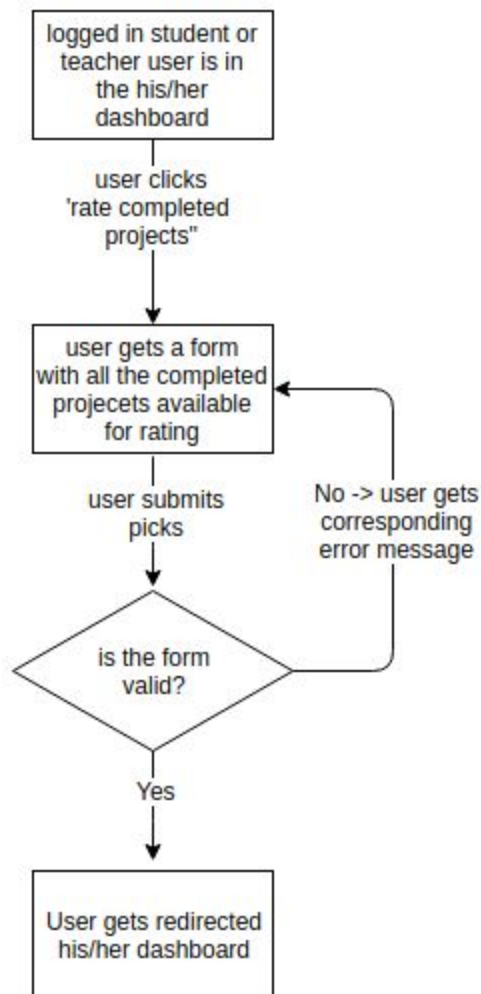
### BRIEF DESCRIPTION

Once a project and course are over, the teachers and the students will have the chance to rate the company for the project they had through the course. This information will be used for future company request logic, letting companies with better records show up first in the teacher responds company feature.

### Ratings Table

Column Name	Description
id	Auto-generated primary key.
rater - foreign key (student)	This field contains reference to who was the teacher or student that rated a company.
rated - foreign key (company)	This field contains the reference to the company that was rated.
score - decimal	This field will store the rate that was given to the company.
status - varchar(50)	This field the status of the pick. Will also tell if the project was assigned afterwards.
project_id - foreign key (project)	This field contains the reference to the project that was rated.

## PROGRAMMING LOGIC



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, professional design and code (with comments), consistent naming that follows conventions and the feature works as described.
Tier 2	Using MVC framework. Use AJAX to interact with the database.
Tier 3	Use an analytical library to organize and rank the companies by their scores and let the teacher have access to the information gathered.

## Teacher Profile by Princy Mascarenhas

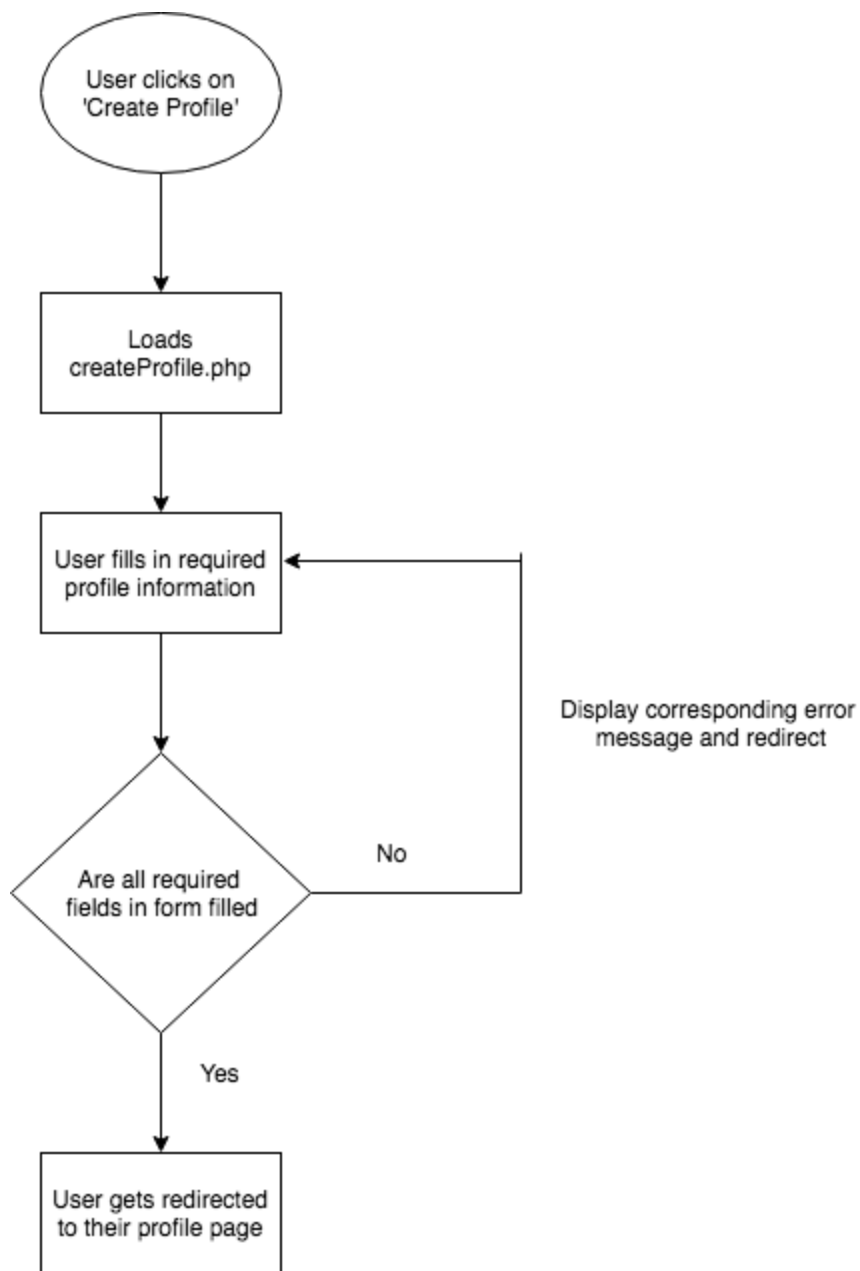
### BRIEF DESCRIPTION

The Teacher Profile is an opportunity for the teacher to tell us more about themselves, their technical expertise, college they currently teach at and contact information. Teachers will have to fill a form to create their own profile on Netboost. Once the profile is created and the information is stored in our database, the teacher would be able to update, delete information on their profile as required. The table in the database will have the following fields:

### Teachers Table

Column Name	Description
id - int(11)	This field is a unique identifier for each teacher (PK)
first_name - varchar(50)	This field is for the first name of the teacher.
last_name - varchar(50)	This field is for the last name of the teacher
school_id - int(11)	FK from schools table, Id of the school that that the teacher is teaching at.
user_id - int(11)	FK from users table, Id of the each user registered on the platform.
email - varchar(50)	This field is for storing the teacher's email ID
bio - text	This field is a brief description that the teacher can fill in introducing themselves and mentioning their technical expertise.
title - varchar(10)	This field is to define the teacher's role e.g: Professor, Program Coordinator

## PROGRAMMING LOGIC



Create Profile dataflow chart

## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Using Composer and PHP packages for profile picture upload and sending email verification links when the teacher changes the email address. The teacher profile will also have an option to display information about their LinkedIn Profile using LinkedIn API.

## Student Profile by Princy Mascarenhas

### BRIEF DESCRIPTION

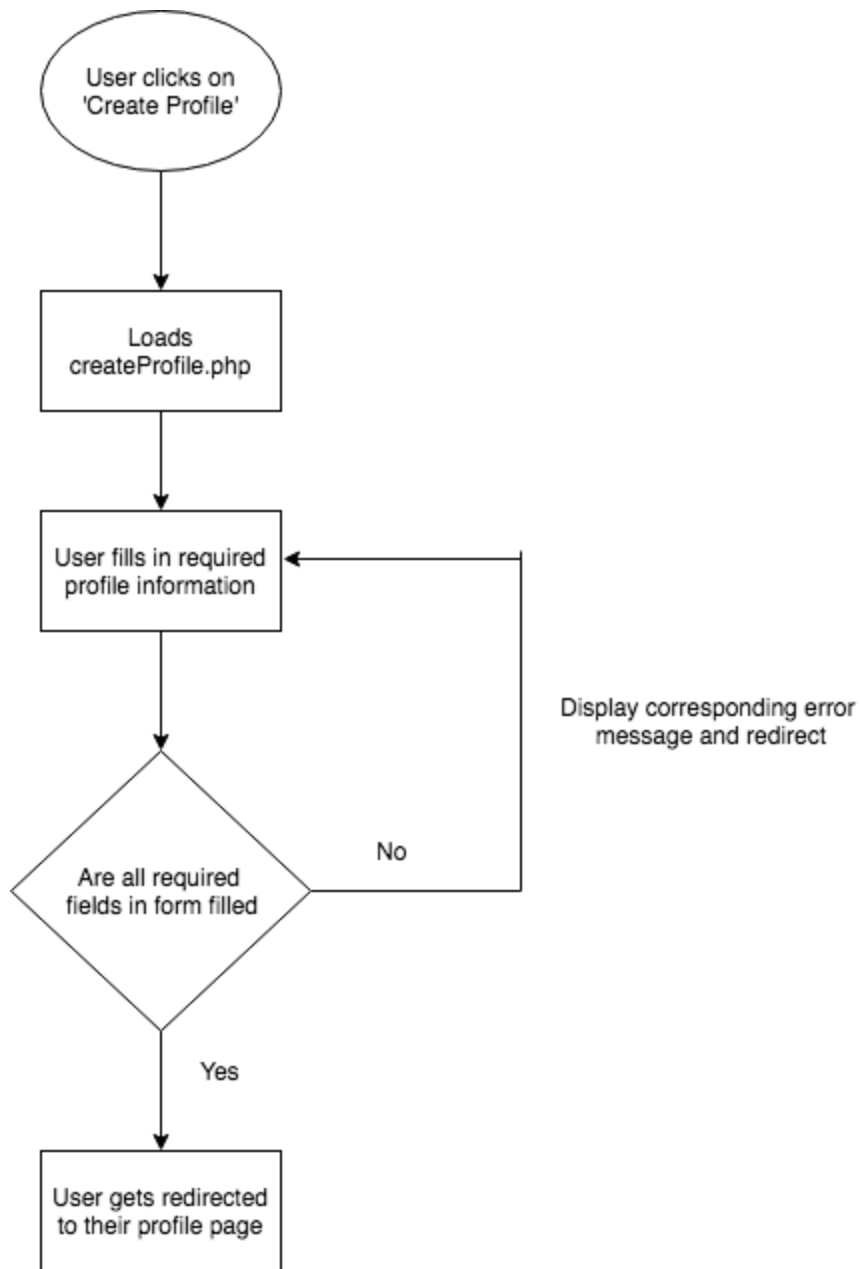
The Student Profile is an opportunity for the student to tell us more about themselves, their technical skills, college they currently study at, a link to their portfolio page and certifications he/she has done. Students will have to fill a form to create their own profile on Netboost. Once the profile is created and the information is stored in our database, the student would be able to update, delete information on their profile as required. The table in the database will have the following fields:

### Students Table

Column Name	Description
id - int(11)	This field is a unique identifier for each student (PK)
first_name - varchar(50)	This field is for the first name of the student.
last_name - varchar(50)	This field is for the last name of the student.
school_id - int(11)	FK from schools table, Id of the school that that the student is studying at.
user_id - int(11)	FK from users table, Id of the each user registered on the platform.
email - varchar(50)	This field is for storing the student's email ID
bio - text	This field is a brief description that the student can fill in introducing themselves and mentioning their technical qualifications.
portfolio_link - varchar(100)	This field includes a link to the student's portfolio page as well as a brief description about it.
Certifications - text	This field includes any certifications that the student has done



## PROGRAMMING LOGIC



Create Profile dataflow chart

## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Using Composer and PHP packages for profile picture upload and sending email verification links when the student changes the email address. The student profile will also have an option to display information about their LinkedIn Profile using LinkedIn API.

## Company Profile by Princy Mascarenhas

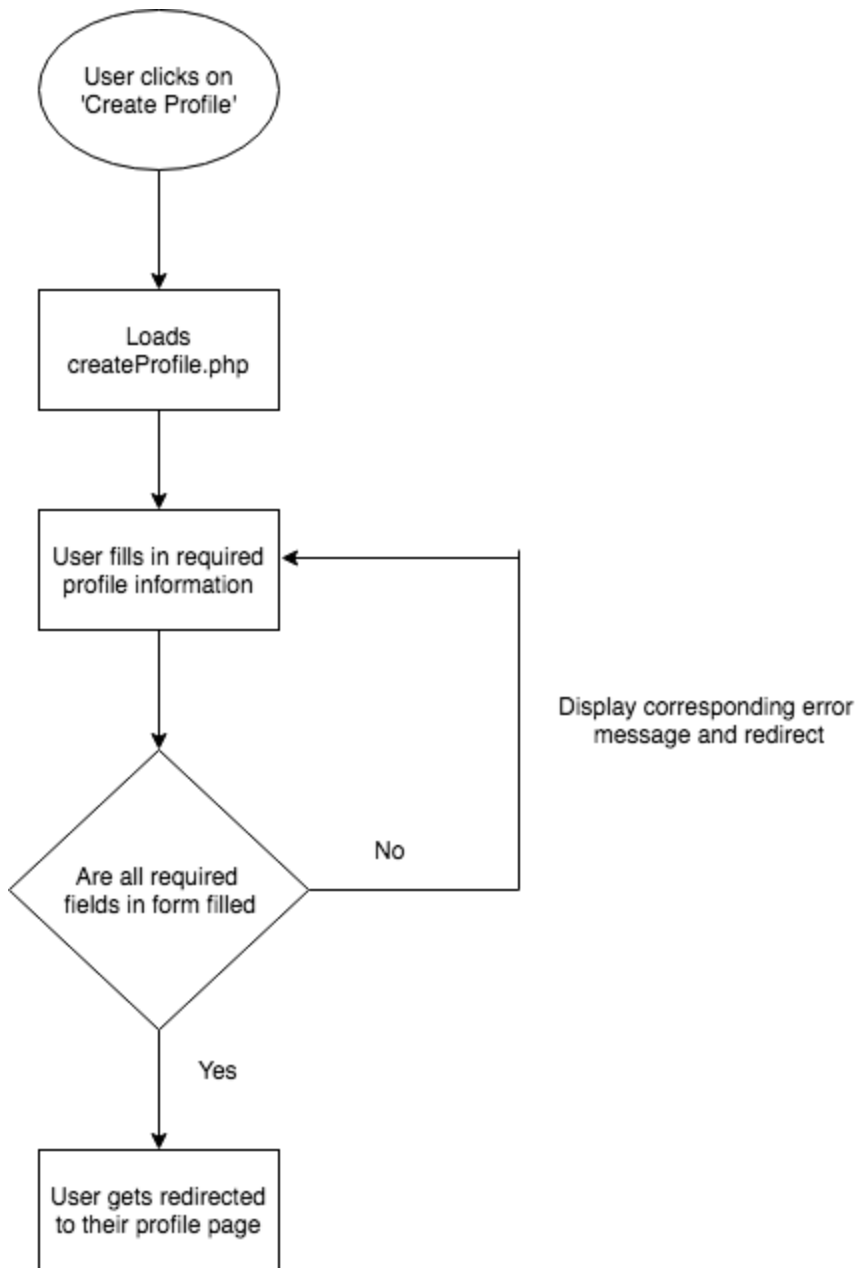
### BRIEF DESCRIPTION

The Company Profile includes a professional introduction of the business, type of company, the technologies they use and contact information of the company. Company will have to fill a form to create their own profile on Netboost. Once the profile is created and the information is stored in our database, the company would be able to update, delete information on their profile as required. The table in the database will have the following fields:

### Companies Table

Column Name	Description
id - int(11)	This field is a unique identifier for each company (PK)
name - varchar(50)	This field is for the name of the company.
user_id - int(11)	FK from users table, Id of the user registered on the platform.
contact_email - int(11)	This field is the email ID for the point of contact of that company who registers on the platform on behalf of the company
contact_fname - int(11)	This field includes the first name of the POC (Point of Contact) for this company
contact_lname - varchar(50)	This field includes the last name of the POC for this company.
website - varchar(50)	This field includes a link to the company's website.
bio - text	This field includes an introduction to the company

## PROGRAMMING LOGIC



Create Profile dataflow chart

## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Using Composer and PHP packages for sending email verification links when the company changes the email address. The company profile will also have an option to display information about their LinkedIn Company Profile using LinkedIn API.

## Message System by Princy Mascarenhas

Message system is a text-based communication that occurs between the teachers, companies and students. Users must be logged in to read and send messages on the platform. The tables in the database will have the following fields:

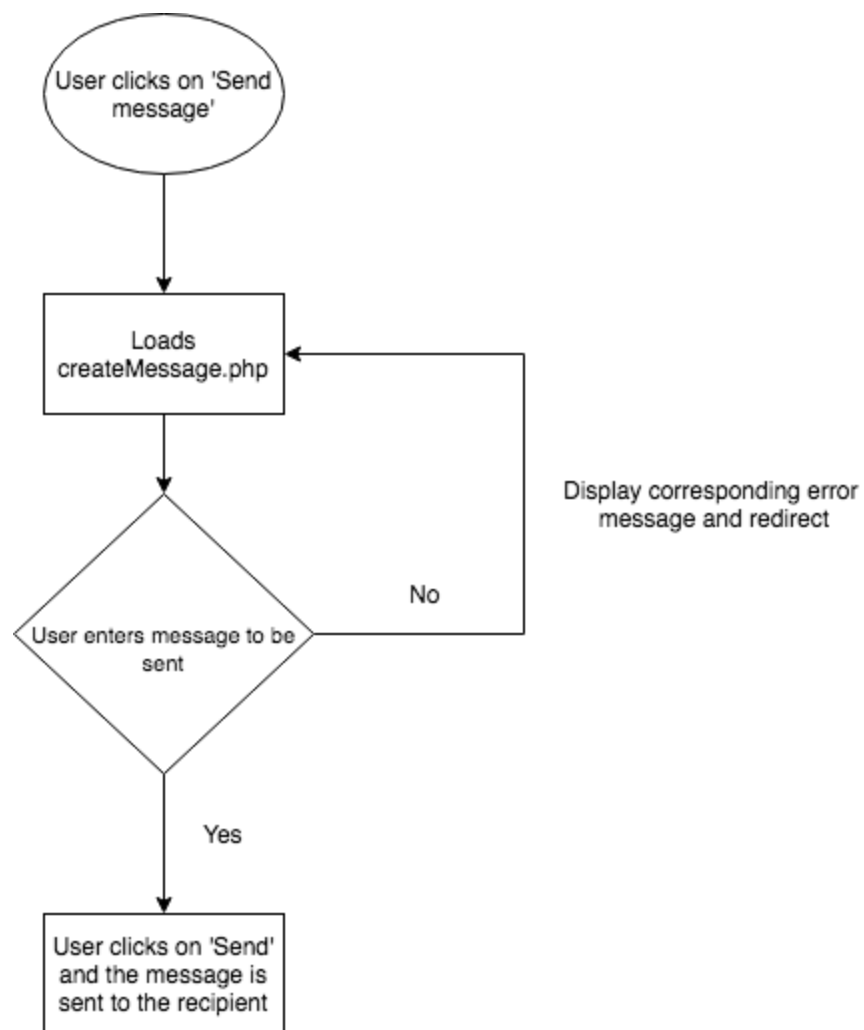
### Messages Table

Column Name	Description
id - int(11)	This field is a unique identifier for each message (PK)
chat_id - int(11)	FK from chats table, Id of the chat created
body - text	This field includes the message sent in chat
user_id - int(11)	FK from users table, Id of the user who is using the message system
date - datetime	This field takes the current timestamp when the message was sent

## Chats Table

Column Name	Description
id - int(11)	This field is a unique identifier for each chat (PK)
name - varchar(50)	FK from chats table, Id of the chat created
date_created - date	This field includes the message sent in chat
last_message - date	FK from users table, Id of the user who is using the message system

## PROGRAMMING LOGIC



Create Message dataflow chart

## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Creating a chat box that can be minimized and used throughout the platform using APIs.

## Teacher LOGIN by Elizabeth Sonny

### BRIEF DESCRIPTION

This is where the teachers can login or sign-up to NetBoost. They can create accounts with NetBoost or use their LinkedIn or gmail account to sign up. When they sign up, they will be asked to fill in a username and password and the role, based on which they will be heading to appropriate sign up forms. The first form details which are, username and password will be stored into Users table and more details will be stored into corresponding tables, which are student, teacher or company.

#### Users Table

Column Name	Description
id - int	Auto Generated primary key.
username - varchar(50)	This field contains the username of the user
password - varchar(50)	This field contains the password of the user

#### Teachers Table

Column Name	Description
id - int(11)	This field is a unique identifier for each teacher (PK)
first_name - varchar(50)	This field is for the first name of the teacher.
last_name - varchar(50)	This field is for the last name of the teacher
school_id - int(11)	FK from schools table, Id of the school that that the teacher is teaching at.
user_id - int(11)	FK from users table, Id of the each user registered on the platform.
email - varchar(50)	This field is for storing the teacher's email ID
bio - text	This field is a brief description that the teacher can fill in introducing themselves and mentioning their technical expertise.
title - varchar(10)	This field is to define the teacher's role e.g: Professor, Program Coordinator

## Student LOGIN by Elizabeth Sonny

### BRIEF DESCRIPTION

This is where the students can login or sign-up to NetBoost. They can create accounts with NetBoost or use their LinkedIn or gmail account to sign up. When they sign up, they will be asked to fill in a username and password and the role, based on which they will be heading to appropriate sign up forms. The first form details which are, username and password will be stored into Users table and more details will be stored into corresponding tables, which are student, teacher or company.

#### Users Table

Column Name	Description
id - int	Auto Generated primary key.
username - varchar(50)	This field contains the username of the user
password - varchar(50)	This field contains the password of the user

#### Students Table

Column Name	Description
id - int(11)	This field is a unique identifier for each student (PK)
first_name - varchar(50)	This field is for the first name of the student.
last_name - varchar(50)	This field is for the last name of the student.
school_id - int(11)	FK from schools table, Id of the school that that the student is studying at.
user_id - int(11)	FK from users table, Id of the each user registered on the platform.
email - varchar(50)	This field is for storing the student's email ID
bio - text	This field is a brief description that the student can fill in introducing themselves and mentioning their technical qualifications.
portfolio_link - varchar(100)	This field includes a link to the student's portfolio page as well as a brief description about it.
Certifications - text	This field includes any certifications that the student has done



## Company LOGIN by Elizabeth Sonny

### BRIEF DESCRIPTION

This is where the companies can login or sign-up to NetBoost. They can create accounts with NetBoost or use their LinkedIn or gmail account to sign up. When they sign up, they will be asked to fill in a username and password and the role, based on which they will be heading to appropriate sign up forms. The first form details which are, username and password will be stored into Users table and more details will be stored into corresponding tables, which are student, teacher or company.

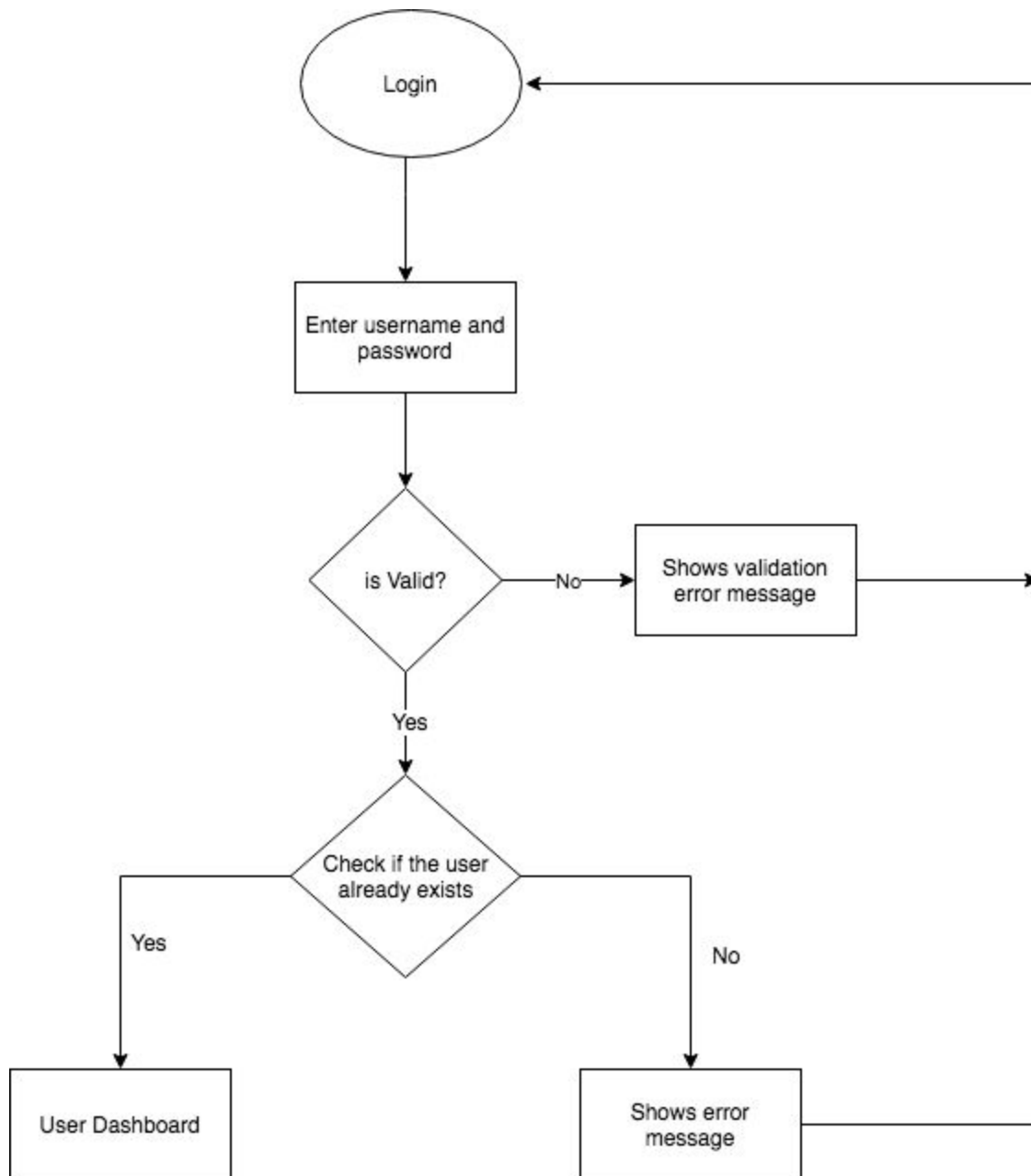
#### Users Table

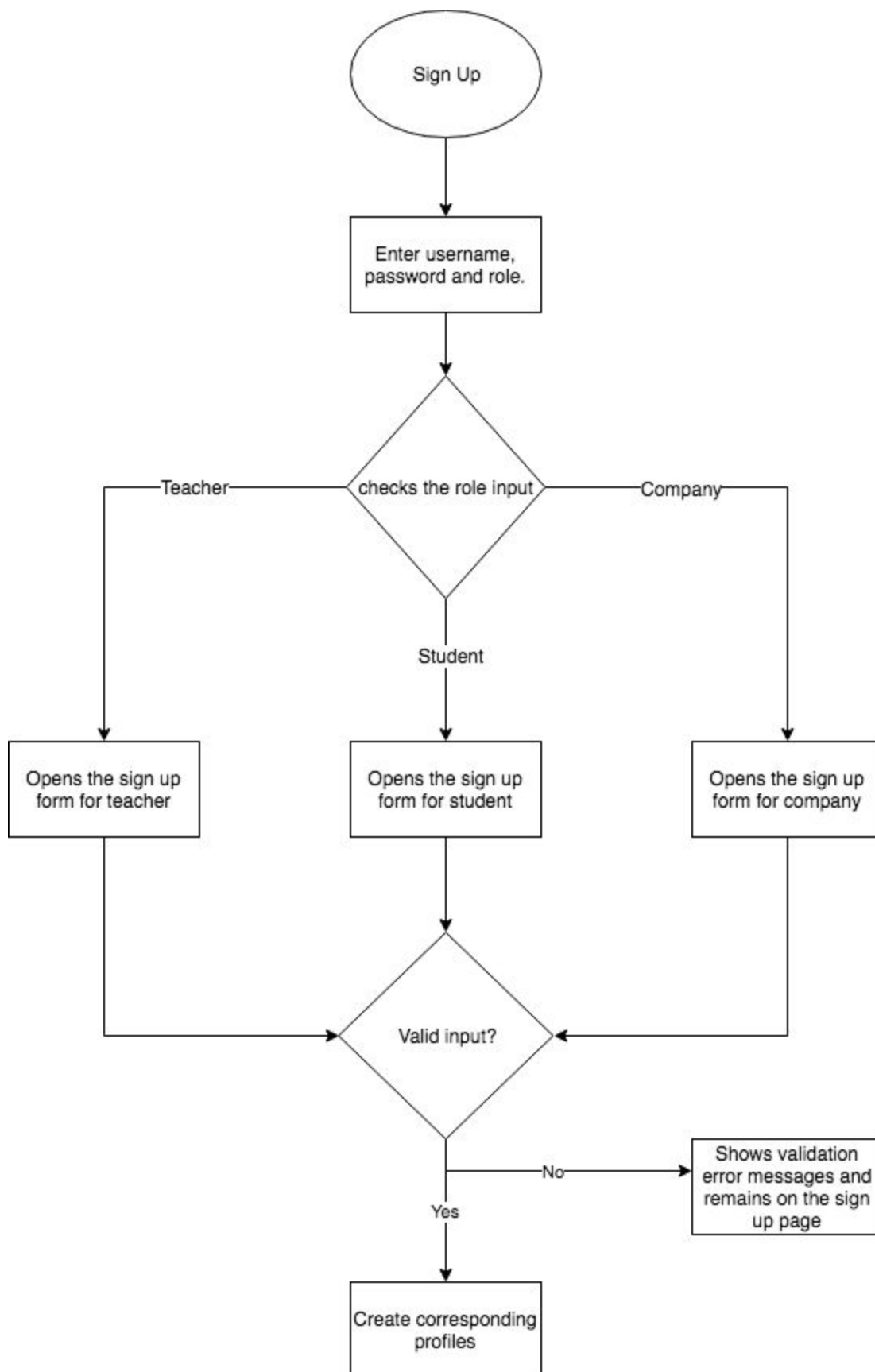
Column Name	Description
id - int	Auto Generated primary key.
username - varchar(50)	This field contains the username of the user
password - varchar(50)	This field contains the password of the user

#### Company Table

Column Name	Description
id - int(11)	This field is a unique identifier for each company (PK)
name - varchar(50)	This field is for the name of the company.
user_id - int(11)	FK from users table, Id of the user registered on the platform.
contact_email - int(11)	This field is the email ID for the point of contact of that company who registers on the platform on behalf of the company
contact_fname - int(11)	This field includes the first name of the POC (Point of Contact) for this company
contact_lname - varchar(50)	This field includes the last name of the POC for this company.
website - varchar(50)	This field includes a link to the company's website.
bio - text	This field includes an introduction to the company

## DATAFLOW LOGIC





## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Using Composer and PHP packages for sending email verification links when the users sign up. Using LinkedIn and Github APIs for login.

## Notification System by Elizabeth Sonny

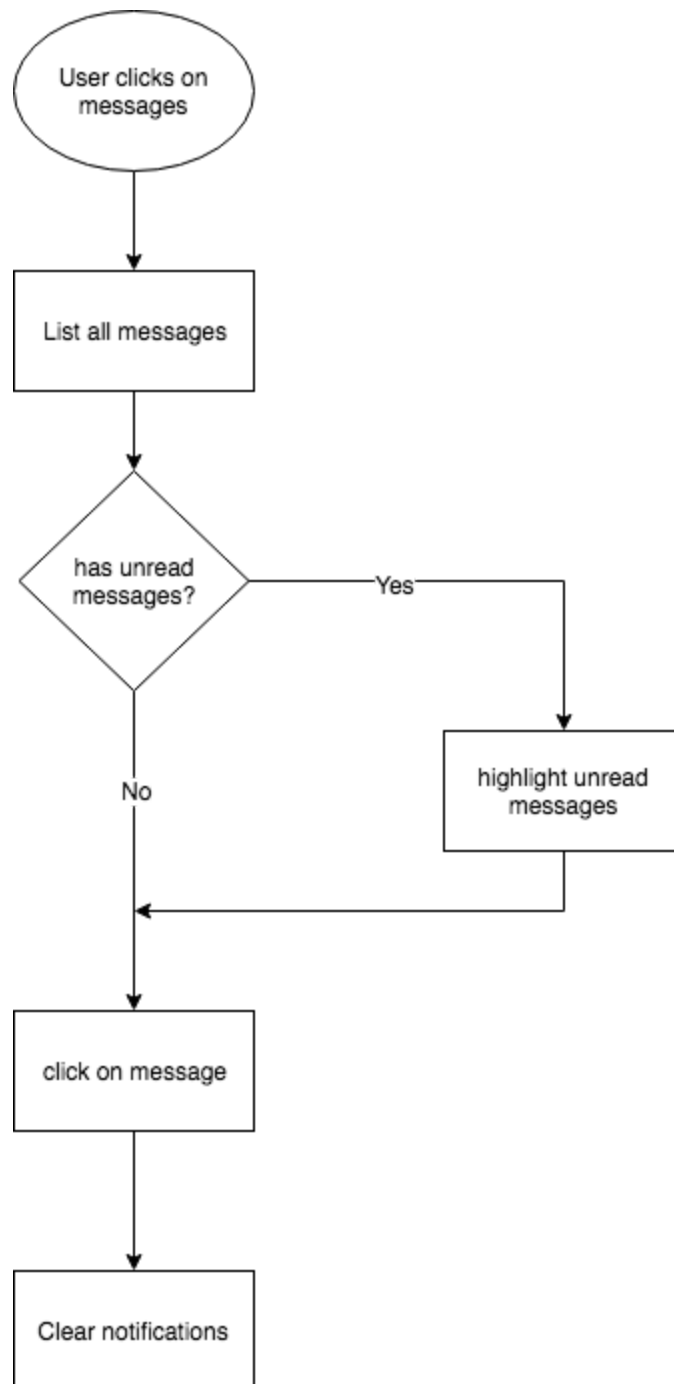
### Chat\_members Table

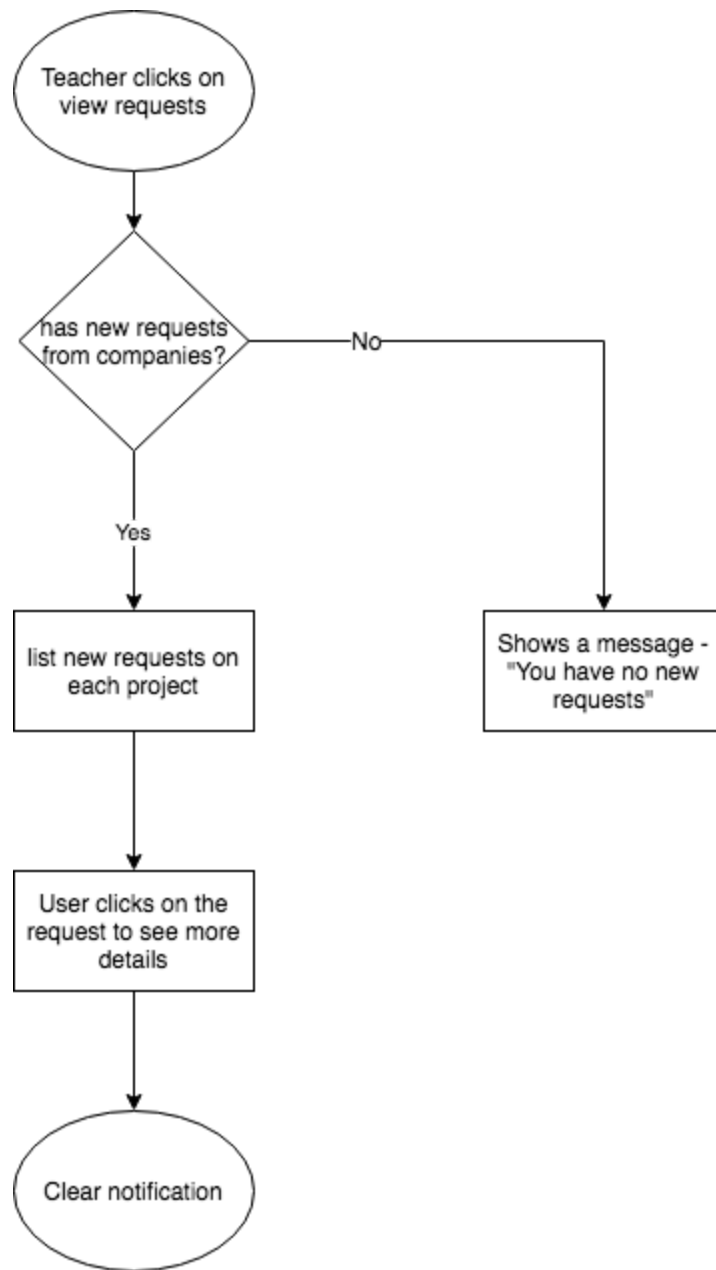
Column Name	Description
Id - int	Auto Generated id
chat_id - int	FK from chats table
user_id - int	FK from users table
Read_message - Boolean	Boolean value which indicates whether the chat member has read the message or not.

### Projects Table

id - int(11) PK	This field is a unique id(PK) for each project send by the company.
outline_id - int(11)	FK from outlines table, project outline id a teacher created.
compnay_id - int(11)	FK from companies table, Id of the company that sent a request to this outline. Connecting projects with their right owner.
name - varchar(50)	Name of the project ( this is different from name of the outline) This is the name of the project the student and the companies are creating together.
date_created - datetime(timestamp)	This is the date the project was created.
status - varchar(50)	The status of request, if its on going or if it has been approved/disapproved by the teacher.

## DATAFLOW LOGIC





## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Using libraries to include socket.io so that notifications can be shown without refreshing the page.

### BRIEF DESCRIPTION

This feature accessible to teachers will allow them to manage outlines for potential collaboration with other companies. Teachers can use a form to create a new outline to post for their students to collaborate with other companies. The outline will include a description of the requirements needed for this outline, what needs to be covered in the project. Teachers can create more than one outline, they will also be able to view, edit and delete their outlines. A list of all outlines by every teacher will be available to view by companies.

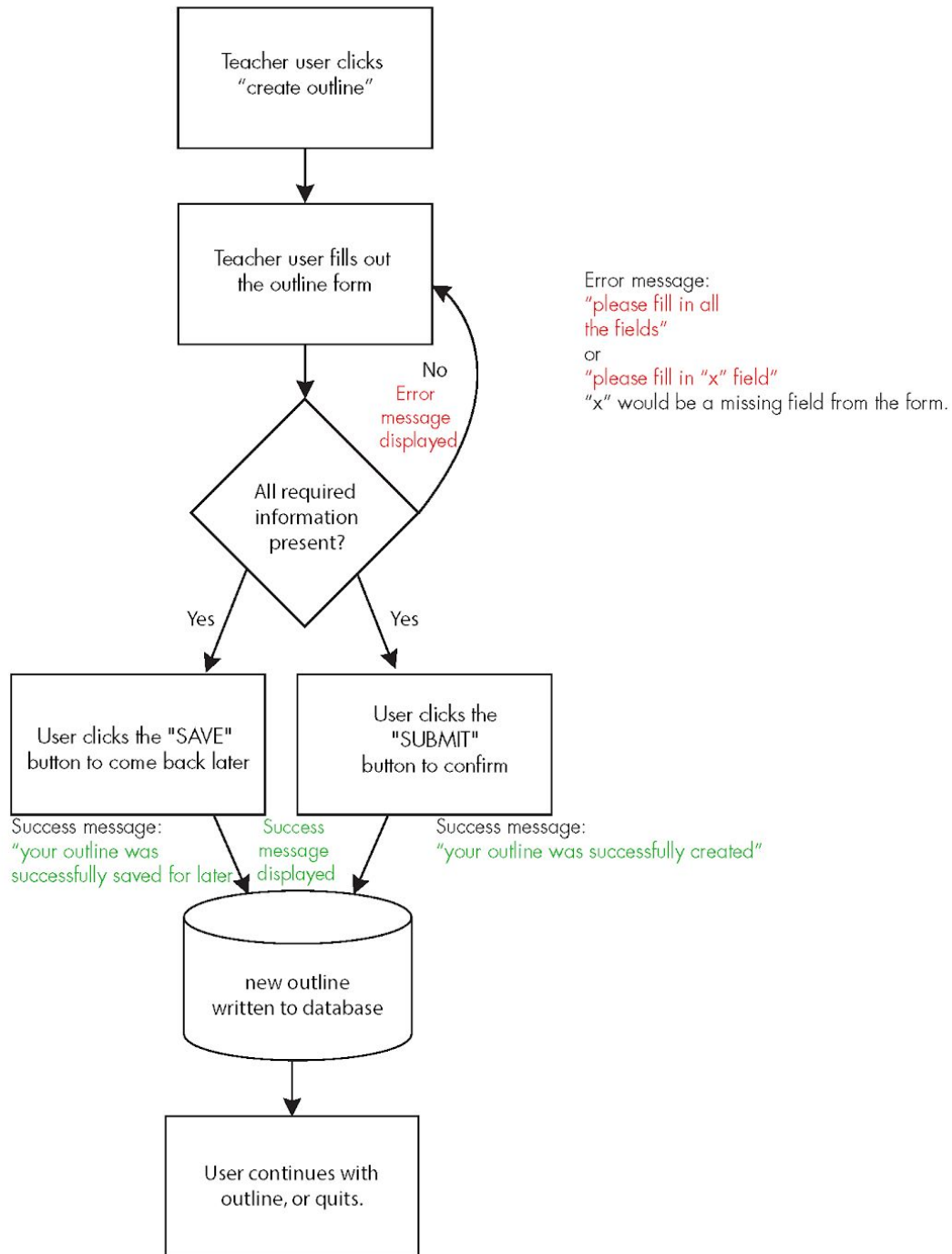
### Outlines Table

id - int(11)	This field is a unique id (PK) for each outline.
name - varchar(50)	This field is the name of the outline.
description - text	This field is a brief description of the outline that was created by the teacher. In this description the teacher specify the requirements needed to meet the course curriculum, and the restrictions as well.
technology - varchar(250)	This field lists the possible technologies the teacher wants their students to use. This could include things such as frameworks, programming languages, API's etc.
Course - varchar(150)	This field will include the course taught by the teacher who created the outline.
min_members - int(11)	This lists the minimum members required for this outline.
Max_members - int(11)	This lists the maximum members allowed for this outline.
start_date - date	This field is for start date for the project.
due_date - date	This field is for when the project is due.
teacher_id - int(11)	This field is a FK from teachers table, it is the teacher's id to connect each outline with the right owner.
published - tinyint(1)	This field determines if the outline is saved for later use, or if it's officially published.

## PROGRAMMING LOGIC

### OUTLINE FEATURE 1

A logged in teacher user can use the dashboard to create, edit, and delete outlines.





## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Creating a dynamic page load and website functionality by incorporating Ajax.
Tier 3	Every outline created belongs to a specific teacher, by using a LinkedIn API, a snippet of the teacher's LinkedIn profile will be displayed besides their outline they created. This is for companies to view and help them with their decision making when requesting to collaborate with a teacher, and their students.

## Company requests outline by Yeganeh Ghasemi

### BRIEF DESCRIPTION

This feature allows different companies to browse different outlines posted by teachers. If companies see an outline they are interested in, they will be able to send a potential project request to the owner of that outline.

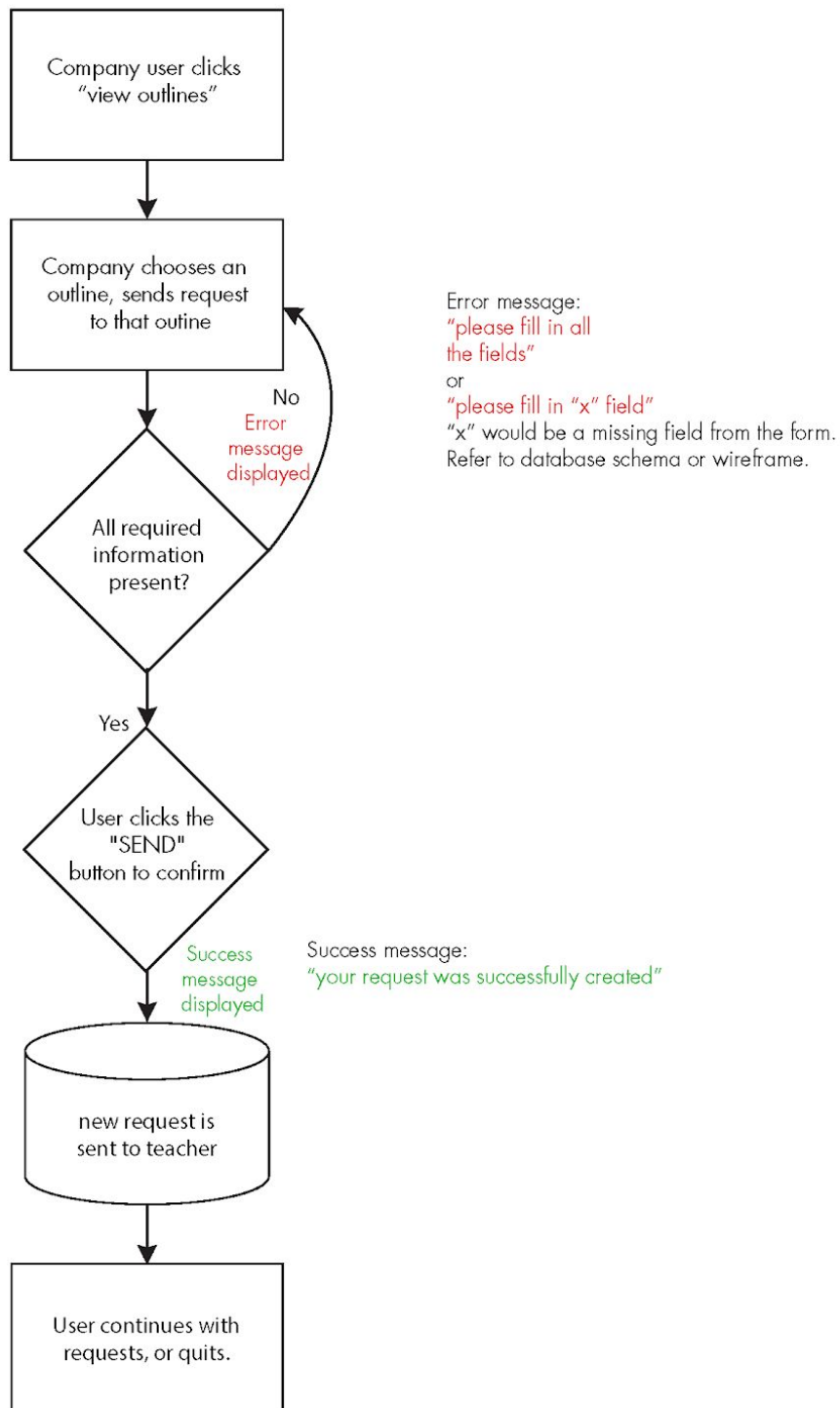
### Projects Table

id - int(11) PK	This field is a unique id(PK) for each project send by the company.
outline_id - int(11)	FK from outlines table, project outline id a teacher created.
compnay_id - int(11)	FK from companies table, Id of the company that sent a request to this outline. Connecting projects with their right owner.
name - varchar(50)	Name of the project ( this is different from name of the outline) This is the name of the project the student and the companies are creating together.
date_created - datetime(timestamp)	This is the date the project was created.
status - varchar(50)	The status of request, if its on going or if it has been approved/disapproved by the teacher.

## PROGRAMMING LOGIC

### COMPANY REQUESTS OUTLINE FEATURE 2

A logged in company user can use the dashboard to view outlines, and send requests to the outline owner.



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Use Ajax to for a more efficient page load and website functionality. Creating a new chat between teacher company upon request sent.
Tier 3	To make it easier for companies to view outlines to choose from, an advanced search will be created to search outlines that are posted by using keywords. This way if a company is looking for something specific, they can search keywords for it, instead of having to look through hundreds of outlines to find the appropriate ones to request.

## Teacher Responds Company by Yeganeh Ghasemi

**Brief Description:** This feature allows the teacher to see the requests from companies who wish to collaborate with their students. Upon viewing, the teacher can accept or decline the requests from companies.

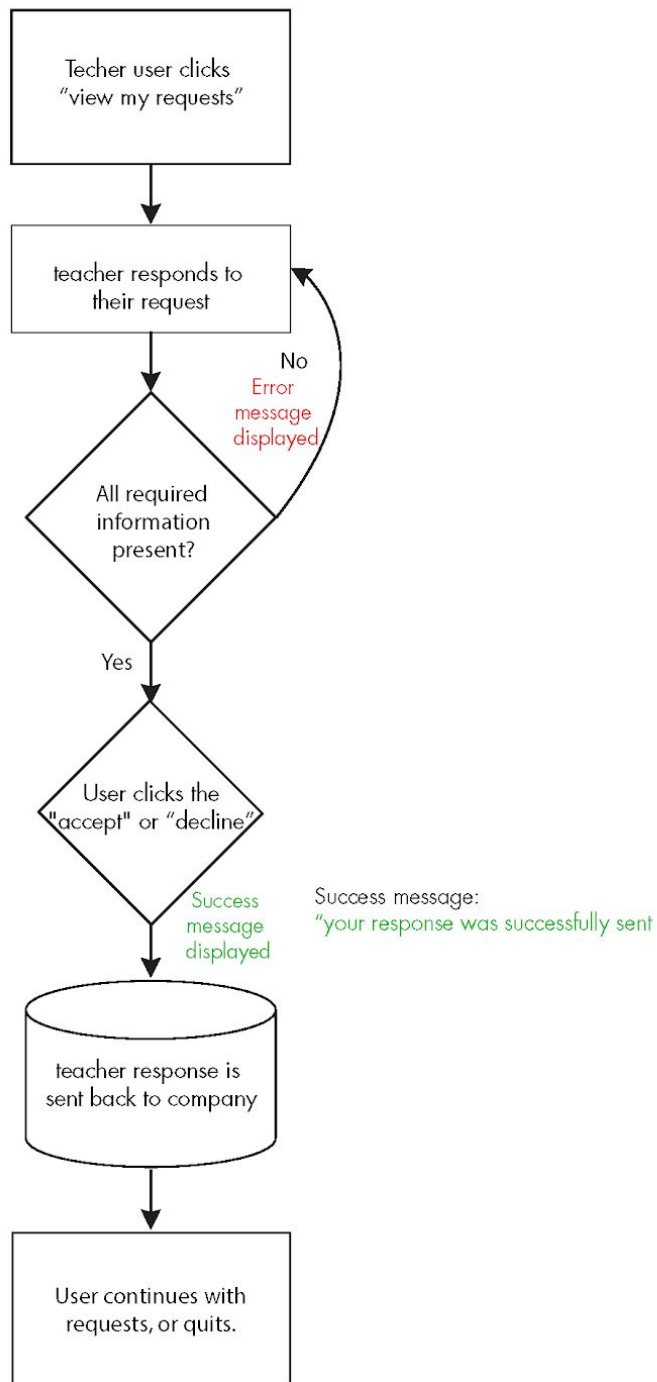
### Projects Table

id - int(11) PK	This field is a unique id(PK) for each project send by the company.
outline_id - int(11)	FK from outlines table, project outline id a teacher created.
compnay_id - int(11)	FK from companies table, Id of the company that sent a request to this outline. Connecting projects with their right owner.
name - varchar(50)	Name of the project ( this is different from name of the outline) This is the name of the project the student and the companies are creating together.
date_created - datetime(timestamp)	This is the date the project was created.
status - varchar(50)	The status of request, if its on going or if it has been approved/disapproved by the teacher.

## PROGRAMMING LOGIC

### TEACHER RESPONDS COMPANY FEATURE 3

A logged in teacher user can use the dashboard to view requests sent to them, and respond to that request.



## TIER DESCRIPTIONS

Tier 1	Database-driven, OOP, error-handling, works as designed, ease of use and understanding, code files with comments, following proper naming conventions for tables, methods, classes and files.
Tier 2	Using MVC framework. External libraries such as bootstrap, jQuery. Use Ajax to for a more efficient page load and website functionality. Displaying the chat created in previous feature in the same view for teachers to be able to respond to companies right away without having to leave or redirect to another page.
Tier 3	Using External Library D3 (Data-Driven Documents) to have a visual representation for the status of the request sent to teachers by companies using a data driven approach by combining HTML/CSS/SVG and DOM manipulation.