MUSTANG TUTORS

Bre'Shard Busby, Darius Clark, Nick Gangloff, Tyler Jackson, Jessica Yeh, Story Zanetti

A++ Tutors

Backend (DB):

- Darius Clark
- Nick Gangloff
- Tyler Jackson

Frontend (GUI):

- Bre'Shard Busby
- Jessica Yeh
- Story Zanetti

Product Idea

A-LEC Tutoring Center has no app to organize students with tutors.

Problems:

- Students don't know when specific tutors are available
- Students don't know if a tutor is actually there
- Keeping track of students/tutor meetings
- Unhelpful website

Product Idea Continued

"Bring a book or schoolwork in case you need to wait a few minutes before a tutor for your subject becomes available"

Product Idea Continued

Solution:

- Web/Android app with tutor profiles
- Tutors can check-in to A-LEC to report availability
- Students can search for tutors and see availability
- Tutors can be reviewed/rated

Market Analysis

Tutortrac by Redrock Software

Similarities

- Visits to tutoring center
- Both make schedules
- We have tutor and student pages

Differences

- Completely web based
- Connects with Registrar to track course registration and progress in classes
- Barcode and magnetic strip to log in students
- Export schedules to Outlook
- Advisor and writing consultant profiles
- $2500 with a $700 annual maintenance cost to the organization

Market Analysis Continued

EZTutor by GTSoft Inc.

Similarities

- Parents can view attendance

Differences

- Targeted at school districts and corporations
- Focused on executing learning plans that adhere to state standards
- Manages district and parent invoices
- Online instructional videos
- Keeps student assessment data

Market Analysis Continued

TutorPanel by TutorPanel

Differences

- ($20 + $0.50 times avg # of students)/month cost to the organization
- Simple scheduling for tutoring sessions
- Schedules exportable to Outlook iCalendar
- Automatic lesson note emails sent to parents/students
- Simple billing/fee interface capable of generating professional invoices
- Capable of exporting payroll data to Excel and QuickBooks
- Seems to be tailored towards individual or small groups of tutors

Product Features

Four types of users:

- **Student:** Standard user upon making an account.
- **Tutor:** Can act as a student, but also has the functionality of an admin.
- **Admin:** Can act as a student or a tutor, but also has the functionality of an admin.
- **Parent (or Authorized User):** Can only see Student history logs if authorized.

General Features

- **Create an account:** Create a student account with the website.
- **Search for class:** Search by class for a tutor.
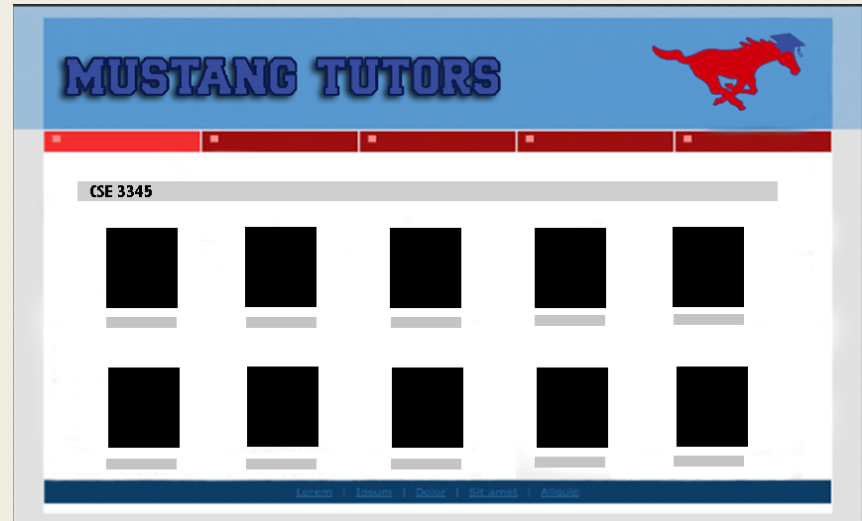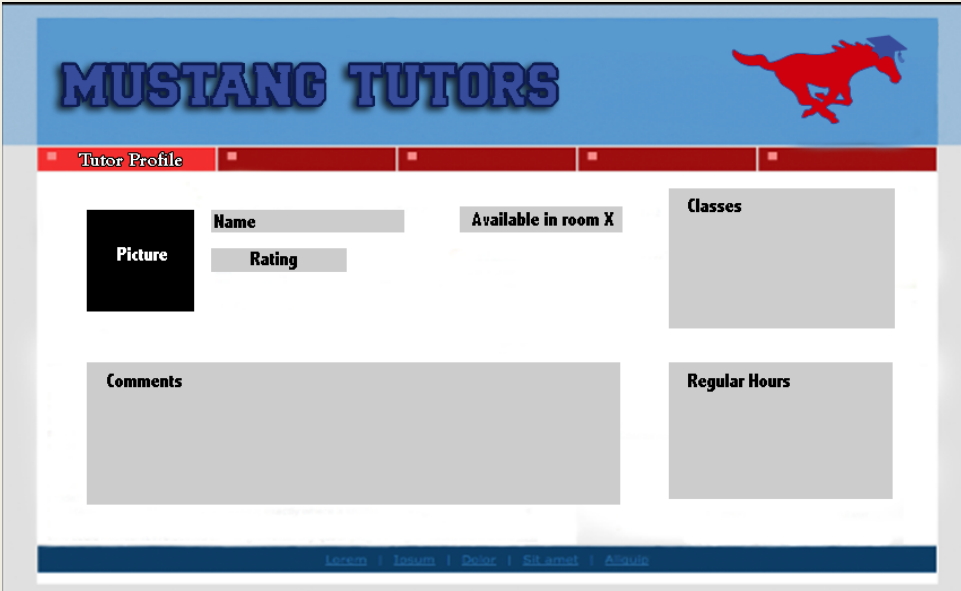
Student User Features

- **Tutoring history:** View previous tutoring sessions.
- **Rate a tutor:** Provide feedback on a tutor with a rating/review.
- **Apply to become a tutor**: Complete an application to become a tutor for the A-LEC.
- **Grant authorized access**: Give permission to view tutoring history.

Tutor User Features

● **Profile**: Contains a tutor's picture, name, average rating, classes, regular hours, and availability.

Tutor User Features

- **Check-in/out**: Tutors can check-in/out and toggle availability. Possible statuses: "Available in room X", "In a session", "Unavailable"
- **Record meetings**: Tutors can fill out a form documenting their meetings with students.

RECENT TUTORING

[Add Tutor Report]   [Mark No-Show]   ☐ Show Cancelled

DATE	REASON	COURSE	COMMENT	ATTENDEE	TUTOR DURATION	REPORT FILED?	DETAILS
12/03/2013 06:00p - 07:00p	Tutoring Appointment	DATA STRUCTURES			60 min	Not Yet.	Details
12/03/2013 06:00p - 07:00p	Tutoring Appointment	DATA STRUCTURES			60 min	Not Yet.	Details
11/26/2013 06:00p - 07:00p	Tutoring Appointment	DATA STRUCTURES			60 min	Not Yet.	Details
11/26/2013 06:00p - 07:00p	Tutoring Appointment	DATA STRUCTURES			60 min	Not Yet.	Details
11/25/2013 07:00p - 07:30p	Tutoring Appointment	PRINCIPLES OF COMPUTER SCIENCE			30 min	NO SHOW	Details
11/19/2013 08:00p - 08:30p	Tutoring Appointment	PRINCIPLES OF COMPUTER SCIENCE			30 min	NO SHOW	Details
11/19/2013 06:00p - 07:00p	Tutoring Appointment	DATA STRUCTURES			60 min	Not Yet.	Details
11/19/2013 06:00p - 07:00p	Tutoring Appointment	DATA STRUCTURES			60 min	Not Yet.	Details
11/18/2013 07:30p - 08:00p	Tutoring Appointment	PRINCIPLES OF COMPUTER SCIENCE			20 min	Report Details	Details
11/18/2013 07:00p - 07:30p	Tutoring Appointment	PRINCIPLES OF COMPUTER SCIENCE			30 min	NO SHOW	Details

Create a Tutor Report   ✕

Appointment Details

Appointment:

11/26/2013 6:00p-7:00p - Tutoring ▼

Reason:

Tutoring Appointment ✕

Course:

▼

Date of visit:

11/26/2013

Location:

LEC - 202 ▼

Attendee

██████████████

Arrived   Departed

06:00 PM   07:00 PM

☑ **This person attended**

Report Details For ████████████

Assignments Discussed

Objectives of the Session

Study Skills Used

Goals for Next Session

Student arrived on time and was ready to begin our session.
○ **Yes** ○ **No** ○ **N/A**

Student was prepared (attended class, read lesson, had notes, etc.)?
○ **Yes** ○ **No** ○ **N/A**

Student asked for explanation of material not understood?
○ **Yes** ○ **No** ○ **N/A**

Student responded positively to instruction (as you suggested)?
○ **Yes** ○ **No** ○ **N/A**

Student was aware of future assignments?
○ **Yes** ○ **No** ○ **N/A**

Student arrived on time and was ready to begin our session.
○ **Yes** ○ **No** ○ **N/A**

Student was prepared (attended class, read lesson, had notes, etc.)?
○ **Yes** ○ **No** ○ **N/A**

Student asked for explanation of material not understood?
○ **Yes** ○ **No** ○ **N/A**

Student responded positively to instruction (as you suggested)?
○ **Yes** ○ **No** ○ **N/A**

Student was aware of future assignments?
○ **Yes** ○ **No** ○ **N/A**

Student shows a better understanding of the material since our last session.
○ **Yes** ○ **No** ○ **N/A**

Appointment Summary And Reminders

Summary

Suggested time:

Suggested date:

This will be saved on the report as a suggestion. No appointment will be created.

Save this Report

Admin Features

- **Upgrade Students to Tutors:** Create a new Tutor by approving an application.
- **Edit tutor profiles:** Can modify profile picture, classes taught, regular hours, and tutoring location.
- **Enable/disable existing tutors:** Disabling a tutor makes it so that his/her profile does not appear on the website.

Parental Access

- **Parental Access:** Parents (or Authorized Users) can access a student's history if they have been granted permission by the student.

Android Features

- **Search for tutor:** Search by class for a tutor.
- **Tutor check-in/out:** Tutors can check-in/out and toggle availability. Possible statuses: "Available in room X", "In a session", "Unavailable"
- **Record meetings**: Tutors can fill out a form documenting their meetings with students.

Intended Users

- **Students**
  - Can find suitable tutors for a specific subject
  - Can rate and comment on a tutor for others to view

- **Tutors**
  - Can check in to alert people that they are available
  - Can manage their schedule

Intended Users Continued

- **Admins**
  - Can give users tutor privileges
  - Can edit/delete accounts

- **Parents**
  - Can check on their student's progress
  - Can make sure that tutor is attending meetings

Questions?