**GINA CODY School of Engineering and Computer Science**

**Department of Computer Science and Software Engineering**

**Concordia University**

**SOEN 342**

**Phase 1**

# Abstract

*Interface and document analysis were conducted for out elicitation techniques. This provided data to compare features among other sites, as well as generating our features and unique features to provide a more unique fulfilled service. Our market analysis provides insights to the features in the market, our E-Academy presentation provides layout of our features as well as why it stands out.*

**Part I: Market analysis**

* *Existing products and features*
* *Comparative study*
* *…*

**Part II: E-Academy presentation**

* *Users*
  + *Students/parent*
  + *Tutors*
  + *Administrators/managers*
  + *Guests*
* *Proposed features*

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***Students Features***

*-****Request for tutoring lessons:*** *Involves signing up for a course with a tutor. This feature will allow users to enrol with a tutor of their choosing. Lessons will be one on one live lessons, covering material of a course, having exam prep lessons to better prepare the student/parent.*

***-Sign in as Student:*** *Common functionality, allowing user to sign in as a student/parent after signing up as one. It allows user to get certain functionalities to what would be useful for them, providing a more specific service to their needs.*

*-****Connects to shared board:*** *Providing access to students to their registered lesson boards, where the course content, recorded lectures, tests and any document shared will be provided on. Benefit is improved organization of course content.*

*-****Chat with Instructors:*** *Provides access to tutors and students to connect, to address any concerns, updating the instructor on any future topic needed to be address, asking questions regarding lessons or homework.*

*-****Calendar View:*** *This feature allows for students to view their tutors availabilities and request for a session during a certain day of the week.*

*-****Parental update for minors/Parental Mode:*** *This feature allows for students who are determined to be minor to have their parents updated on their progress.*

*-****Search for courses:*** *This functionality allows for specific searches for courses they would like to view and possibly register for.*

*-****Uploaded files:*** *Allows for student to upload their assignments or homework’s.*

*-****Download files:*** *Allows for students to download any course content.*

*-****Tutor evaluation****: Asked to be filled by the student, to rate the professor on the site.*

*-****Notifications:*** *Via email to notify the student of their upcoming meeting and time with their tutor.*

*-****Membership:*** *Allows for different options for students. For the basic plan we will give access to student for 5 hours a week. For the premium plan we will provide 10 hours a week, for those who need more coverage and aid for their desired course. Finally, on demand plan is for those who would like to pay per hour or specific question they want to clear up with one of our tutors.*

***-Report problem:*** *If the student finds that there is an issue with their instructor that require admin to come in to settle a dispute or for disciplinary action, they will have the option to report.*

***-Student performance measurement:*** *Allows student to track their progress and see where they are having difficulties and possibly require more help in. This can be done in terms of grades.*

***-Access to whiteboard****: Allows for students to use a whiteboard digitally to write out their question, practice or solve a given question, and finally even ask the tutor about a certain problem.*

***-Access to general sections:*** *This feature gives users access to the general section of the page that encompasses home page, support page, info page, and course page.*

***-Access to lessons purchased:*** *Students having access to the course they purchased.*

* *Project value:*

*Our site offers common student functionalities among the sites we compared previously, as well as unique features that make our site a competitive and more student-centred choice.*

*To begin the common functionalities, our site offers* ***one on one tutoring request*** *that were also found in both TutorMe and SchoolSuccess but not in Wizeprep.* ***Signing in as a student****, was offered by our site and among all sites as it is a common criterion.* ***Live exam preparation*** *was offered with Wizeprep out of all other sites, however for us it was included as a part of our lessons.* ***Live one on one tutoring*** *was made available with SchoolSuccess and TutorMe but not Wizeprep, but our site, live lessons is the core of getting students to learn and understand and being more engaged.* ***Recorded lessons*** *are provided by our site and by all sites.* ***Providing written notes*** *are offered by our site, Wizeprep and SchoolSuccess.* ***Chat access to instructor*** *is provided by our site as well as TutorMe, but not the other two sites.* ***Whiteboard*** *was a common feature found in our site as well as TutorMe and SchoolSuccess but not Wizeprep.* ***Upload files*** *was found to be common with our site as well as TutorMe and SchoolSuccess but not Wizeprep.* ***Downloading files****,* ***tutor evaluation****,* ***access to lessons purchased****,* ***notification*** *was common among our site as well as all the other sites. These features make our site on par if not offer more as certain website don’t have some of the features while they may have others. Our site aims to encompass all the necessary tools needed for success.*

*Our site offers unique functionalities as well, which includes* ***Calendars*** *to have the student be able to book a meeting by viewing the tutor availabilities. As well as serves as a visual reminder. This provides great benefit as it allows for easy transition of booking, as well as having the option of having a flexible schedule to your needs.* ***Membership*** *which provided the student of having the choice to pick a price plan that best fits their needs, offering variety of services encompassing all possible students.* ***Report problem****, that allows student to have the ability to report any issue they may be having which is essential to feel comfortable in a learning environment.* ***Student performance measurement*** *allows the student to keep track of their progress and to address their weak points.* ***Parental mode****, which allows to keep parents updated for minors. It provides comfort and assurance to parents to be able to be given an update on the students progress as well as their tasks.*

*Our site doesn’t include calculator or access to google workspace, as our site already incorporates a document saving board. As for calculator, it is required for the student or professor to be using theirs to follow along with the live lesson, instead of being distracted by one found on our site.*

*Overall making our site for student functionalities on par with other sites as well as even above by offering unique features that other sites don’t have.*