**System Stakeholders**

* Directly Using: Students, Autodidacts
* Using Results: Teachers, Data Analysts
* Those Responsible: Development Team (Admin = yes)
* Other Systems: Online educational platforms (such as Chegg, iLearn, Pearson, McGraw, etc.)
* Interfaces: User interface on website, and API for other website developers
* Provision of Guidance: IT Team, Support Desk,

**Jobs**

* Students && Autodidacts: Using the system, reporting feedback
* Teachers: Using feedback to adjust class
* Data Analysts: Using feedback to determine what is working on the website and what isn’t, also monitors advertisement data
* Development Team: Implementing changes and fixes, requires administration access
* Online Education Platforms: Communication between our website and theirs, APIs
* IT Team: Providing technical support and end user service
* Support Desk: Providing instructions on how the website works, FAQs, Tutorials

**Pains**

* Students && Autodidacts: Membership access, free version less powerful
* Teachers: Conveying information on the website
* Data Analysts: Gathering information and incentivizing student feedback
* Development Team: Development issues
* Online Education Platforms: interfacing between the two websites, API creation, contract creation and upholding
* IT Team: Faulty machinery, difficult software fixes, general fixes
* Support Desk: Challenging customers, FAQ creation and pruning

**Gains**

* Students && Autodidacts: Information in one, centralized, place.
* Teachers: Do not have to worry if students received assignments, grades, etc.
* Data Analysts: Student data, Advertisement data,
* Development Team: Satisfaction of helping students, improving upon their development skills
* Online Education Platforms: Our API that connects their website to ours,
* IT Team: satisfaction that they are helping all end users achieve their job more efficiently by managing their accounts and providing technical support.
* Support Desk: the knowledge that they are accelerating the rate in which clients can use the website to its maximum potential.

**User Stories**

As a **Student/Autodidact**, I want to use the website to have my classes in one spot, so that I can monitor my classes easily and more efficiently.

As a **Teacher**, I want to use the website for my students, so that they can succeed more in my classroom.

As a **Data Analyst,** I want to analyze what is working on the website and what Advertisements are being played, so that I can implement changes based upon this data.

As a team member of the **Development Team,** I want to develop an intuitive website, so that I can assist students and teachers using online classrooms.

As an **Online Education Provider**, I want to use this website API, so that I can efficiently deploy my educational resources in mass, to all.

As a team member of the **IT Team**, I want to help end users of the website in regards to their system and account management, so that the end users can accomplish their job efficiently.

As a team member of the **Support Desk**, I want to help customers and end users of the website who are new, so that our new clients can use our website to its maximum potential.

Per three-week iteration: 20 Points -> per Iteration

I want to use the website to have my classes in one spot

1. As a Student, I want to have all my classes in one tab, so that I can save on computer RAM.
   * Large 8
2. As a Student, I want to have all my classes on the same domain, so that I can easily manage what is happening in each class.
   * Medium 5
3. As a Student, I want to have all my classes communicating with each other, so that I can compare my strengths and weaknesses and see where I need to focus.
   * Small 3
4. As a Student, I want to have all my classes in the same chat space, so that I can easily communicate with my teachers instantly.
   * Medium 5

I want to use the website for my students

1. As a Teacher, I want my students to use this website, so that I can use more domains in the class efficiently.
   * Large 8
2. As a Teacher, I want my students to communicate through this website, so that I can receive feedback faster and more efficiently.
   * Medium 5
3. As a Teacher, I want my students to subscribe to this website, so that I know that they are receiving their assignments on time and in an organized fashion.
   * Extra Small 2
4. As a Teacher, I want my students to use this website’s interface, so that I can receive feedback more efficiently.
   * Small 3

I want analyze data on the website

1. As a Data Analyst, I want to analyze this websites traffic, so that I can compare and report on who is using this website.
   * Small 3
2. As a Data Analyst, I want to analyze the feedback given from students, so that I can report on what is working the best.
   * Small 3
3. As a Data Analyst, I want to analyze the advertisement metrics, so that I can more accurately deploy the best advertisements.
   * Medium 5
4. As a Data Analyst, I want to analyze student information, so that I can report on what kind of students are using the classrooms.
   * Small 3

I want to develop an intuitive website

1. As a member of the development team, I want to develop an algorithm that can link multiple websites into one, so that students can have their classes in one location.
   * Extra-Large 13
2. As a member of the development team, I want to develop an interface that can communicate between the multiple websites, so that students and efficiently work through the website’s domain.
   * 2X-Large 20
3. As a member of the development team, I want to develop APIs, so that prospective educational platforms can interact with our website.
   * Medium 5
4. As a member of the development team, I want to develop a way of communication between classes, so that students can compare their grades and calculate their GPA.
   * Medium 5

I want to use this websites API

1. As an online educational platform, I want to acquire this websites API, so that I may link my domain to theirs.
   * Small 3
2. As an online educational platform, I want to use this website’s API, so that my developers can create a communication interface.
   * Medium 5
3. As an online educational platform, I want to be apart of this website’s domain, so that my advertisements are heard, and subscriptions increase.
   * Small 3
4. As an online educational platform, I want to be able to be linked to this website, so that students of my website have a higher chance of succeeding.
   * Large 8

I want to help end-users with their accounts

1. As a member of the IT Team, I want to help end-users with their account management, so that they can use the website when they need to.
   * Small 3
2. As a member of the IT Team, I want to help end-users with their system, so that they are able to use the website when it is up.
   * Small 3

I want to help end-users succeed

1. As a member of the Support Desk, I want to teach end-users how to use the website, so they can quickly learn how to use the website to its maximum potential.
   * Medium 5
2. As a member of the Support Desk, I want to create an online FAQ, so that end-users will have answers to their questions 24/7.
   * Extra-Small 2
3. SPIKE – Creating a multi-source interface
   * 1
4. SPIKE – Creating an algorithm that links domains based on criteria
   * 1
5. SPIKE – implementation of a subscription service && Encrypted purchase
   * 1
6. SPIKE – Integration of a GPA Calculator and communication between classes
   * 1
7. SPIKE – Data Analysis – Student
   * 1
8. SPIKE – Data Analysis – Advertisements
   * 1
9. SPIKE – API Creation
   * 1
10. SPIKE – FAQ Creation
    * 1

Iteration 1 (20):

* Story 13 (13 pts) : Dev Team, creation of algorithm that links websites
* Story 7 (2 pts) : Teacher, students able to subscribe to website
* SPIKE (1 pt) : Multi-source interface
* SPIKE (1 pt) : Algorithm that links websites
* SPIKE (1 pt) : Subscription service
* SPIKE (1 pt) : API Creation
* SPIKE (1 pt): Integration of GPA Calculator
  + TOTAL: 20

Iteration 2 (20):

* Story 14 (20 pts) : Dev Team, creation of interface that communicates between educational domains

Iteration 3 (20):

* Story 15 (5 pts) : Dev Team, API Creation
* Story 17 (5 pts) : Educational Platform, API to link
* Story 18 (8 pts) : Educational Platform, API for interface
* SPIKE (1 pt) : Data Analysis – Student
* SPIKE (1 pt) : Data Analysis – Advertisements
  + TOTAL: 20

Iteration 4 (20):

* Story 1 (8 pts) : All classes on one page, to save Ram
* Story 2 (5 pts) : All classes on the same domain
* Story 4 (5 pts) : All classes in the same chat space
* SPIKE (1 pt) : FAQ Creation
  + TOTAL: 19

Iteration 5 (20):

* Story 9 (3 pts) : Analysis -> Website Traffic
* Story 10 (3 pts) : Analysis -> Student Feedback
* Story 11 (5 pts) : Analysis -> Advertisements
* Story 20 (8 pts) : Education platform, API to link website
  + TOTAL: 19

Iteration 6 (20):

* Story 3 (3 pts) : Student, class communication
* Story 5 (8 pts) : Teacher, student interaction on website
* Story 6 (5 pts) : Teacher, student communication on website
* Story 21 (3 pts) : IT Team, Account Management
  + TOTAL: 19

Iteration 7 (20):

* Story 8 (3 pts) : Teacher, student interaction on interface
* Story 16 (5 pts) : Dev team, Creation of GPA calculator && interclass communication
* Story 23 (5 pts) : Support, creation of online training
* Story 12 (3 pts) : Analysis -> Student Info
* Story 19 (3 pts) : Education platform, Advertisement link
  + TOTAL: 19

Iteration 8 (20):

* Story 22 (3 pts) : IT Team, System Management
* Story 24 (2 pts) : Support Desk, FAQ Creation
  + TOTAL: 5