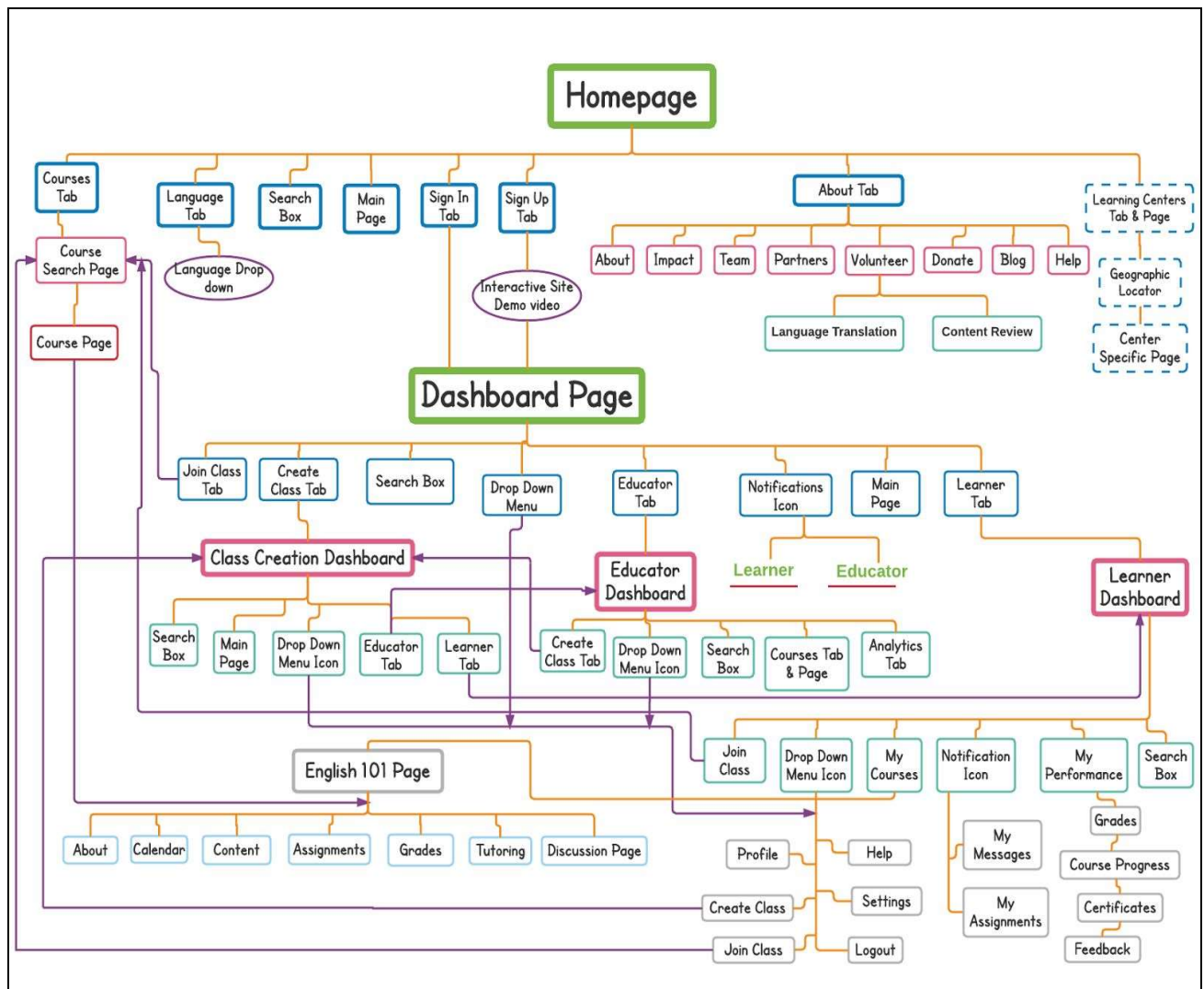




# Learn Or Teach M.V.P design

## Site Map

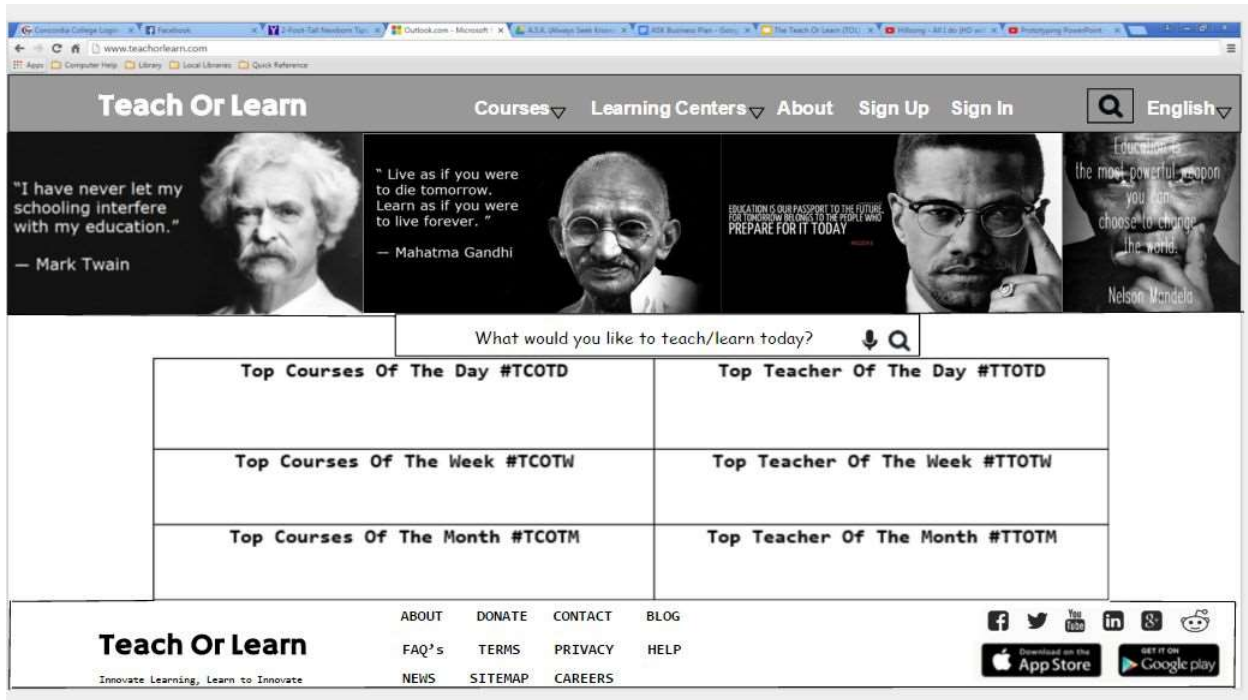
- The Sitemap below is specific to the phase 1 implementation form (the M.V.P), more iterations will be added for future phases. The boxes with dotted lines represent pages that will be implemented post phase 1.
- Purple arrows show pages that are interlinked or that have identical/similar attributes



# Homepage Specifications

## A. Layout Specifications

- For layout specifications, see the mock up diagram below.



## B. Functional Specifications

### Sign Up & Sign In

- Clicking the Sign Up Tab should lead to a pop-up box where the user can choose the account category under which they would like to sign up (See mock up below)



- After clicking on any of those options, the user would then be redirected to a pop-up box similar to the one from udemy pasted below:
- Also, clicking the Sign In Tab must redirect to the box below and upon signing in, it must redirect to the main dashboard

- After sign up (methods outlined below), the user should be directed to a short demo video that tells them what we are about and introduces the site's functions and how to work them.
- Prompt user to complete their profile which asks the following: Full name, age, gender, level of education, major/concentration, institution of education, location i.e. country & city, upload photo, setup username, add short bio
- Sign Up & Sign in Methods should include: email + password, facebook, twitter, & google
- For signing up by the email method, after entering email & password redirect to email account for verification/confirmation, verification email should include vibrant welcome message & confirmation button. Upon clicking it, take user to profile dashboard.
- For signing up by FB, twitter, & google, get permission confirmation from the user.
- Also, optionally request them to like our social media page on the said platform and generate a message saying, " I just joined Learn Or Teach, check it out to create or join a class". Embed a link to the Learn Or Teach homepage in the post.
- **Email sign up page fields:** first name, last name, email, password

## User Account Setup

- Create account Types: Educator, Learner, Tutor/Teaching Assistant, and Parent (have a back-door administrator account)
- In the future, an administrator account will be necessary for learning center managers to troubleshoot or monitor student use.
- Information fields required include: First name, last name, email address, date of birth, sex, address: (country, state, City), education: (school, major/subjects, level), race (optional), employment status, languages, Profile bio, profile picture, username, password, email
- Allow cross account functionality, meaning that a parent must have the facility to join or create a class of their own, same for the other account types.
- Consolidate account types into one for a specific user, distinguish by allowing them to access different components of each account while in their global account. E.g. allow educators to access the parental option of tracking their child's progress.
- Parents can only be granted access to their child's account information through the consent of the learner and or educator. The extent of their access will be determined by them too.

## The About Tab related Pages

- The About Tab must be linked to an About page, an Impact Page, a Team page, a Volunteers page, a Donate page, and a Blog page.
- **About Page:** This should be divided into section: 1. Our What: *To provide and facilitate access to cross disciplinary and world class learning content globally.* 2. Our Who: A bunch of guys and gals with a deep passion for learning 3. Our Why: If not us then who, if not now then when 4. Our Milestones: Est. Summer '17
- **Impact Page:** Data of our impact on users and excerpts of their direct quotes.
- **Team Page:** Includes brief info about project team members
- **Partners:** Includes info about community partners, e.g. local businesses in building learning centers
- **Volunteer:** Page where folks can sign up to volunteer as translators or content reviewers.

- **Donate:** A page where folks can donate to support our efforts, donations will be acceptable through any medium and suggestions will be given to encourage periodical donations from each donor. (To this end, suggest a range of one time or monthly amounts or allow donor to enter in numerical amount)
- **Blog:** Have an internal blog arranged in a similar way to wordpress
- **Help:** Here users can submit contact requests or comments, as well as conduct a general search & access FAQ's.

### **Learning Center Tab and related Pages**

- These are to be established post phase one
- The learning center tab must lead to a general learning center page, that serves as a showroom for our learning center system and vibrantly and interactively shows details on Learning center layout schemes, testimonies from students, learners, administrators, videos of actual learning centers and gives credit to our partners
- There should be a big map that shows where in the world our learning centers are located and on that map, a geographic location feature to allow users to zero in on a particular area to identify learning centers
- The geographic locator must also lead to center specific pages as per the user search. Center pages must vibrantly advertise stats and data regarding their impact and also show personal accounts, videos and images of users taking advantage of their services.

### **Main Page**

- See the homepage mock-up above for layout specifications.
- The bottom task bar is conserved across every page
- A section of the homepage must be designated for course suggestions and these must be offered by course ranking as well as by educator ranking
- A section of the main page should be designated to showing blog posts and first hand videos from users describing their experience using the site
- Offer a subscribe tab to keep up with new course editions, blog posts etc

## Courses Tab & Related Pages

- The courses Tab should lead to a course search page as shown in the mock-up below. A search box should be present to allow easy searching.

Viewing 1563 results matching

Search:

CLEAR ALL

All Courses

Refine your search

Availability

Current: 608

Starting Soon: 161

Upcoming: 160

Self-Paced: 690

Archived: 600

Subjects

Architecture: 12

Art & Culture: 08

Biology & Life Sciences: 104

Business & Management: 200

Chemistry: 38

Communication: 57

Computer Science: 401

Data Analysis & Statistics: 148

Design: 26

More...

Courses & Programs

All Courses

Schools & Partners

Filter by School/Partner

Level

Advanced: 185

Intermediate: 408

Introductory: 886

Language

English: 1336

Spanish: 124

Chinese - Standard: 50

French: 37

Japanese: 4

Turkish: 3

Dutch: 2

German: 2

Russian: 2

More...

Featured Courses

W3Schools

HTML5 and CSS Fundamentals

Current Self-Paced

Microsoft

Learn to Program in Java

Current Self-Paced

UQA

IELTS Academic Test Preparation

Current Self-Paced

UCLan Digital

Python for Data Science

Current Self-Paced

Pentix

Robotics: Fundamentals

Current Self-Paced

Microsoft

Analyzing and Visualizing Data with Excel

Current Self-Paced

Microsoft

Introduction to Web Accessibility

Starting Soon Starts July 28, 2017 - Self-Paced

Michigan

Personnel Management for Public Libraries

Starting Soon Starts July 28, 2017 - Self-Paced

UPV Valencia

Liderazgo para mandos intermedios

Current Self-Paced

Microsoft

Introduction to Data Analysis using Excel

Current Self-Paced

Microsoft

Build Web APIs using ASP.NET

Starting Soon Starts July 29, 2017 - Self-Paced

UQA

Islamic Finance and Banking: Modes of...

Current Self-Paced

- Course search options should be refined by 1. Language e.g. French, Spanish, English etc 2. Difficulty level: i.e (Advanced, Intermediate, Introductory) or Educational level: (Postgraduate, undergraduate, high school, middle school, elementary school, kindergarten, Pre-kindergarten). 3. Subject discipline (e.g. Languages, Arts & Literature, Math & Science, Standardized tests, crafts, trivia, trade training etc). 4. By accreditation (i.e. IB, Cambridge etc)
- The **Course Page** e.g. for English 101 should be divided further into the following pages: About page, Calendar Page, Content Page, Assignments page, Grades page, Tutoring/TA Page, Discussion Page.
- The default page for the Course page/course homepage is on the content tab & page.
- The *About* page will include a short course description, course objectives, the course syllabus, and lesson plans/summary points
- The *Calendar* Page will serve as a spatial representation of how tasks, topics, assignments, and tests will be distributed over the duration of the course. Courses will however be open ended time wise, such that students can elect to either use the default time arrangement of tasks or proceed at their own pace.
- The *Content* page will show all the content present for the specific class in the order and schedule in which the educator arranged them.
- The *Assignments* page will show all the assignments posted by the educator, their due dates, and will have a section for submission. The system will generate reminders to bring to the attention of subscribers when a particular class assignment will be due or tests will be administered. In the case where one is taking the class at their own pace, such notifications will only serve as milestones or reminders of what the educator scheduled to be accomplished next in the progression of learning the course in question
- The *Grades* Page must have functionality for posting grades, and tracking student performance and getting feedback on progress or stats in comparison to classmates or other students who have taken the class, or against, regional and international standards for the particular course.
- The *Tutoring/ Teaching Assistant* Page must have profiles of the tutors and their emails and/or in site contact details. It must also have a platform to post questions directly to them on in a forum like a wiki and a means to have live tutoring. It must have a function to submit documents/ assignments to them.

- The *Discussion* Page must be like a wiki among the students, tutors TA's and the educator can post there too.. It must have means to have a live video session or person to person, person to group, group to person or group to group messaging.

### **Language Tab**

- Clicking on this will lead to a drop down that gives multiple languages that one can choose for translation
- Videos and content will also have subtitles and translation options

### **Search Box**

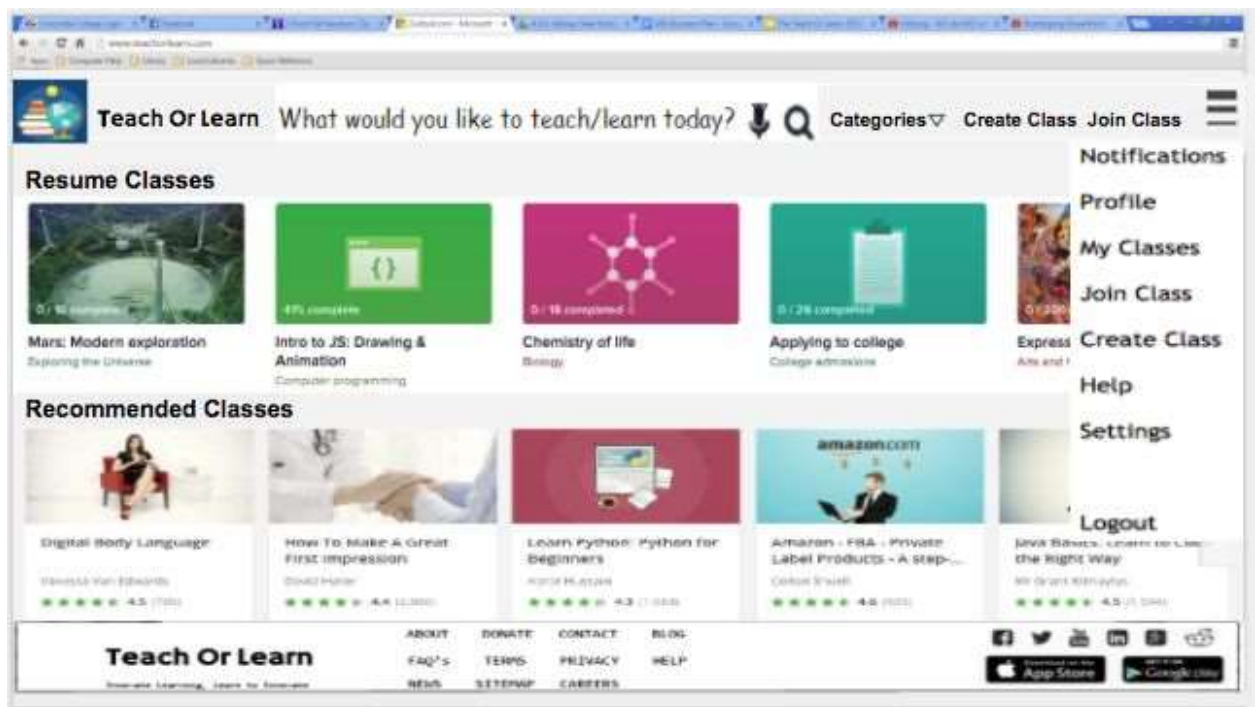
- Have a prompt in the search box that asks, "What would you like to learn today?"
- Place the box in the middle of the page for max visibility

### **Dashboard Page (General one)**

- Top task bar must have 6 items: Organisation name & logo, a courses tab, a search box, join class tab, create class tab, a notifications icon, and a menu icon (in that order). See below for more details.
- Menu icon must have links to: Profile, Join Class, Create Class, Help, Settings, Logout (in that order)
- The courses tab on the top task bar must redirect to the course search page
- The help link on the drop down menu icon must lead to a Help page with a welcoming how can I help you message and a funny animation of a cute animal fixing stuff. The help page information will be divided into help information for educators and for learners. There will be an FAQ section with prompts based on popular questions. There will be a contact us tab where users can file help requests. Check out the udemy.com help site for idea using this link: <https://support.udemy.com/hc/en-us>
- The settings link on the menu drop down leads to a page where profile, account, privacy, notifications, and preferences can be adjusted or modified.



- The notifications icon must subdivide notifications by the user account type if the user has more than one account type
- A search box must be present
- The profile link in the drop down must lead to a **profile page** where the user is prompted to upload a profile picture, username (optional) a biography, first and last name, email, sex, date of birth, country, state/province, city, level of education attained, institution of education, race (optional), languages
- The Join Class tab and link in the menu icon drop down must take the user to the course search page.
- The educator Tab must take the user to the educator dashboard and the learner tab to the learner dashboard
- The create class tab must redirect the user to a class creation dashboard armed with tools for that purpose (Specifics elaborated on below)



- The main page top taskbar must have the Learn Or Teach logo, the name Learn or Teach with the slogan in small print below the name (Innovative Learning, Innovative Teaching) top half of page below taskbar shows what classes the user is enrolled in (learner) or is teaching (educator) or both. Bottom half gives class suggestions to take/audit/ check out. To represent each class, have a clickable rectangular icon that has an attached image,

name of class, professor, rating, # of students in the class. Hovering on each gives a short inviting description of it which educator is prompted to enter upon making it.

- The bottom task bar is the same across all pages.
- The class recommendations are grouped according to the following previous class choices of the user, popular choices on the site, the users education background, and other reasons for further learning i.e. advance career, be your own boss, build a website, ace your certification exam, and learn a language etc
- The categories Tab gives a drop down of the subjects of the courses. Clicking on it sends the user to the course search page.

### **Educator Dashboard**

- From the general dashboard, some tabs must be conserved when moving to the educator dashboard. i.e. the logo and slogan, the category tab, the search box, the educator tab, the learner tab, and the menu icon should be conserved. These will be located on the top task bar above the educator dashboard
- Right below the top task bar, there must be a create class tab, a join class tab, a courses tab, an analytics tab, a notifications icon, a search box, and a menu icon with a drop down like that elaborated on in the general dashboard section.
- The create class tab will lead to the class creation dashboard
- The join class tab will lead to the course search page
- The courses tab leads to a courses page that shows all the courses that the educator created. To access the courses that they are taking (not teaching), they should click the learner tab on the top task bar and that will take them to the learner dashboard where they can click on a my courses tab that leads to a page showing all the courses they are taking and have taken in the past.
- An analytics tab will provide data on performance metrics related to their class: i.e. Student performance in terms of (grades, time spent learning material, and more specific details by topic or by a particular lesson, test/quiz), this tab will also show how students fared compared to other students of their age who took the same class before or who took or are taking similar classes or according to established local and international standard. The analytics tab will also show educator performance data i.e.

how much traffic the course has gained, content quality, student feedback, peer reviews, how it compares to similar courses, the course ranking and what can be done to improve it.

- The notification icon will give educator specific notifications,
- A menu icon must provide the same drop down options as earlier described.

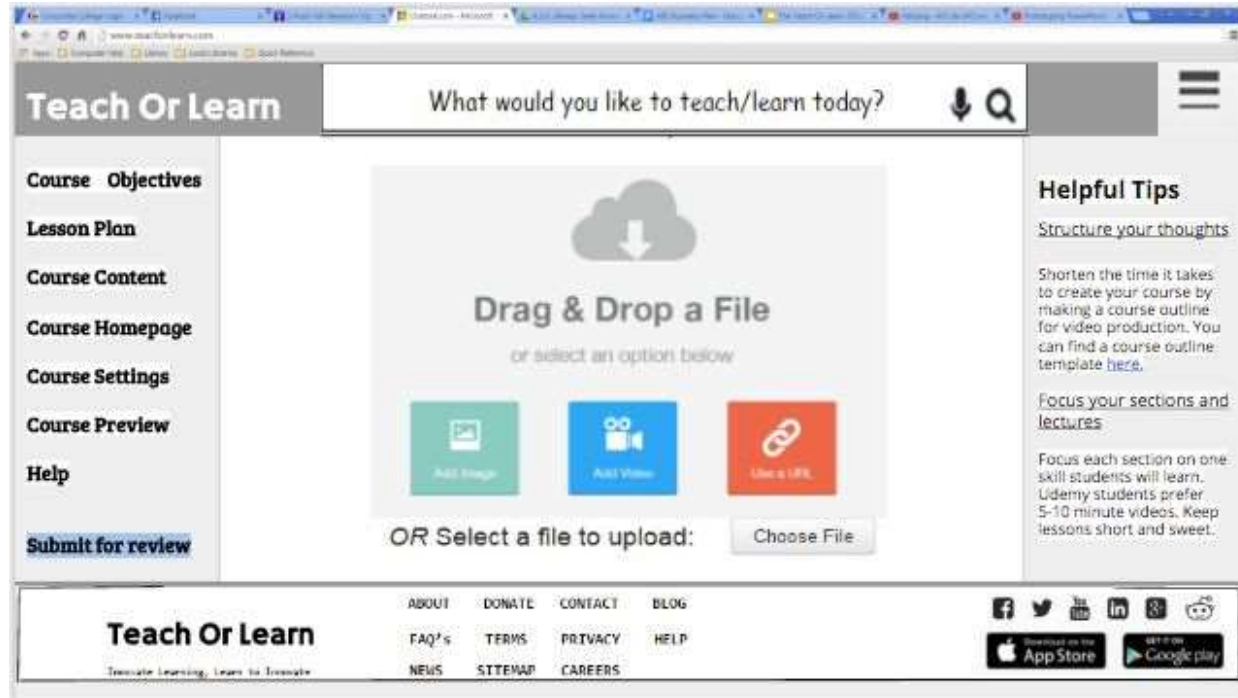
### **Learner Dashboard**

- From the general dashboard, some tabs must be conserved when moving to the educator dashboard. i.e. the logo and slogan, the category tab, the search box, the educator tab, the learner tab, and the menu icon should be conserved. These will be located on the top task bar above the educator dashboard
- The learner dashboard must have join class, my courses, my performance, a search box, notifications icon, and a drop down menu icon tabs.
- The join class tab must lead to the course search page
- The my courses tab should lead to a page where all the classes that the learner has ever taken and is taking are shown.
- The my performance tab will lead to a page that is subdivided into a grades page, a course progress page, a certificates, and a feedback page. The grades page shows grades, time spent learning material, and more specific details by topic or by a particular lesson, test/quiz. This page will also show how students fared compared to other students of their age who took the same class before or who took or are taking similar classes or according to established local and international standards.
- The course progress will show data on how much time has been spent on the material, how much more is to be spent, and other pertinent details regarding progress in taking a particular course e.g. a calendar summary of remaining tasks, how the student is faring progress wise in comparison to peers or other students who have taken the class worldwide and in comparison to what the educator expects of him/her.
- The certificates page will show and certification that has been achieved
- The feedback page will give feedback from educators, peers, TA's and tutors..
- The drop down menu icon will be identical to the one described earlier

- The notification icon is subdivided into Assignments and Messages pages where details regarding all the classes they are taking or have taken will be shown. For the assignments page, perhaps only details of classes being currently taken will be necessary

### **Class Creation Dashboard**

- From the general dashboard, some tabs must be conserved when moving to the educator dashboard. i.e. the logo and slogan, the category tab, the search box, the educator tab, the learner tab, and the menu icon should be conserved. These will be located on the top task bar above the educator dashboard
- Process and Tools for creating a class:
  - After clicking create class, first prompt is naming the class (50 character limit).
  - Next is a quick survey to help assign a category to the class. Prompt must have a welcoming vibe and say like Welcome, let's dive in! Help us get you started use the following questions: 1. What category best describes your class (offer drop down) 2. How much experience do you have (drop down with year ranges) 3. Which of the following best describes your experience (have a bunch of fill in bubble options) 4. What media do you plan to use (have options like video, ppt, pdf, all, etc) 5. Which best describes the skills you have creating digital/electronic content (offer options like just ppt, just video, none etc) last one ask why they joined teach or learn (answer options: to check out, teach students around the world, teach my class etc.) Allow filling in more than one answer where possible.
  - After clicking submit survey then take them on a demo video to show class creating tools, how to use them, how to create a class, add student email lists etc. Just basically all the functionality we will put.
- Below the top tab conserved from the general dashboard there must be the name of the course, the author, and a cover image.
- The Main Page on the Class creation dashboard page must be designed to have 3 panels: kind of like this page looks in this google doc. The right will have menu options for creating the cl



ass and the left will have helpful tips to read as you go through, depending on which menu item you are on (see below for more details

- Menu options for creating class will be: 1. Course Objectives 2. Lesson Plan 3. Course Content 4. Course Homepage 5. Course Settings 6. Course Preview 8. Help 9. Submit for review
- Incorporate drag and drop functionality for content of any medium onto the create a class space
- There must be functionality of the site to create material of any medium and format if not create, at least upload. Also there must be a toolbar with tools that educators can use in creating a class or editing a class ie. video, image, and text editing tools.. I.e shapes, colors, cropping tools etc

### **Course Page (E.g. English 101)**

- From the general dashboard, some tabs must be conserved when moving to the educator dashboard. i.e. the logo and slogan, the category tab, the search box, the educator tab, the learner tab, and the menu icon should

be conserved. These will be located on the top task bar above the educator dashboard

- The **Course Page** e.g. for English 101 should be divided further into the following pages: About page, Calendar Page, Content Page, Assignments page, Grades page, Tutoring/TA Page, Discussion Page.
- The default page for the Course page/course homepage is on the content tab & page.
- The *About* page will include a short course description, course objectives, the course syllabus, and lesson plans/summary points
- The *Calendar* Page will serve as a spatial representation of how tasks, topics, assignments, and tests will be distributed over the duration of the course. Courses will however be open ended time wise, such that students can elect to either use the default time arrangement of tasks or proceed at their own pace.
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