

Workshop

From Hong Kong, to New York City, to the Cape Townian Township Khayelitsha, schools face the same growing obstacle: over-regulation is diminishing educational diversity and taking agency away from teachers, making inspiring students a difficult task. In addition, the quality of teaching is judged heavily by testing which does not accurately reflect learning, stifles creativity and creates one-size-fits-all curriculums.

Everyone has something they are passionate about and want to share. We believe that passion and enthusiasm are the most important ingredients in a teacher. We want to create a platform to leverage the infectious nature of passion by connecting enthusiastic individuals to encourage peer teaching and learning. Workshop is a site which will allow anyone to host a workshop about anything and open to all, supplementing existing curriculums by letting regular people cover less mainstream topics and skills, and encourage a habit of lifelong learning.

User Stories

Teachers

Ian

As a retired teacher, Ian has a lot of time on his hands. He loves teaching, but since his two children left for college he rarely gets to do it. Ian has been looking for a platform that would give him the opportunity to teach again, but in a more relaxed and free setting. As a responsible lifelong saver, Ian is in it more for the passion than the money. However as a senior, Ian is terrible with technology and needs the platform to be as easy to use as possible. His wife Erica is a germaphobe, so the workshops cannot be hosted at home.

Susan

Susan, a single mother of 2, has a low income and is not college educated; but what she lacks in academic knowledge she makes up in home economics skills passed down from her parents. She is looking for a way to use her knowledge to generate some extra cash, but does not have any teaching experience. She requires that the platform lets her advertise relatively cheaply or for free, and lets her receive a fee to cover the workshop's material costs and to generate income. Susan is also often busy during off school hours taking care of her children, so she would like to choose her own hours.

Students

Sam

Sam is a middle school student on summer vacation with too much time on his hands. His mom wishes he had something constructive to do besides playing soccer all the time, but she can't find any summer programs which are suitable. Sam has always been fascinated with greek mythology, but it is not a part of his school curriculum. He has a severe cat allergy.

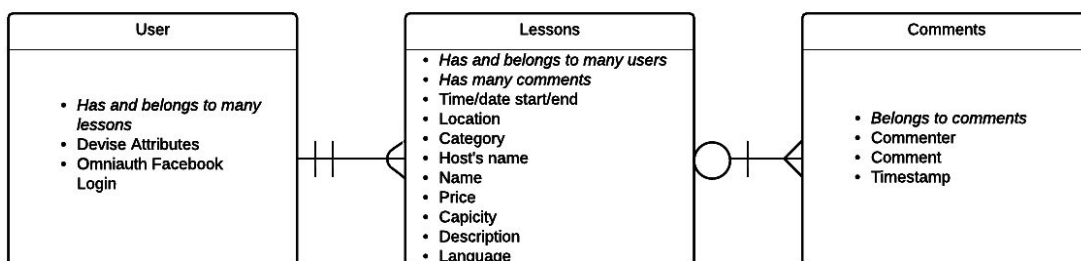
Requirements:

<u>Ian's issues</u>	<u>Requirements</u>
<ul style="list-style-type: none"> • Bad at technology 	<ul style="list-style-type: none"> • Needs the platform to be extremely user friendly
<ul style="list-style-type: none"> • Cannot host at home 	<ul style="list-style-type: none"> • Wants a list of locations to host workshops in
<u>Susan's issues</u>	<u>Requirements</u>
<ul style="list-style-type: none"> • Needs to be able to generate money on the platform • Needs to be able to cover workshop expenses 	<ul style="list-style-type: none"> • app needs to take payments
<ul style="list-style-type: none"> • Has limited free time 	<ul style="list-style-type: none"> • Needs hours to be flexible
<u>Sam's issues</u>	<u>Requirements</u>
<ul style="list-style-type: none"> • Wants to learn things interesting to him 	<ul style="list-style-type: none"> • Search function based on topic / category
<ul style="list-style-type: none"> • He is young 	<ul style="list-style-type: none"> • Workshops must be able to take children
<ul style="list-style-type: none"> • A way to account for his cat allergy 	<ul style="list-style-type: none"> • Be able to ask host whether he has cats

Entity Relationship Diagram

We have three models in this Rails application: User, Lessons, and Comments.

- The User model is generated through the devise gem and *has_and_belongs_to_many :lessons*.
- The Lesson model *has_and_belongs_to_many :users*.
- The Comment model *belongs_to :lessons*.



Behavior

Workshop Host

- Sign up / sign in
 - Using a valid email account and password via Devise authentication
- Create a new workshop via the form
- Answer questions via email / comments section leading up to the workshop
- Be able to edit the workshop details
 - Except for time, which will be locked 1 week before the workshop starts

Learner

- Sign in/ sign up
- Browse available workshops in an index
- Join a workshop
- Pay for the workshop upon signing up
- Ask questions via email or comments section of the lesson

Additional functionality

Workshop Host:

- Customize profile
 - Recommendations based on interests
 - Interests/hobbies, age, gender, profession
- List credentials / past experience

Learner:

- Access a list of completed workshops
- View Teacher's relevant experience / background

General:

- Omniauth Facebook and Gmail logins
- Email notifications
- Maps for location based search
- Complaints about hosts or students

Anticipated issues

- Ensuring that students actually attend classes
 - Rating? Deposit?
- Teaching quality for first time teachers
 - Create a guide for them? Mandatory training program?