Growth

Document status	Sprint 1
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Overview

- Website for E-learning and Community
- Provide register, login, forum, chat, company profile features and so on

Installation (Refer readme.md too)

One time install:
```
pip3 install virtualenv
```
Set up repo for developers after cloning:
```
cd project-growth
git flow init -d
git pull origin develop
git flow feature start feature_name
```
Running the code:
```
virtualenv -p python3 .
source bin/activate
pip install django
pip install django-crispy-forms <- Used by forums
pip install pillow <- to prevent error No module named 'PIL'
```
*Now, install Docker: https://www.docker.com/get-docker**

```
docker run -p 6379:6379 -d redis:5 <-gets docker python3 -m pip install channels_redis
cd Growth
python3 manage.py runserver
```

- Currently, we are planning to have a web application to design our project specifics.

Some of the technologies which are going to be used are:

(NOTE: As our team consists of both MacOS as well as Windows Users, we will provide a link that contains the installation guides for both of these platforms below.)

1. **Python**

- Link: https://www.python.org/downloads/

2. **Django**

- Windows: https://docs.djangoproject.com/en/1.8/howto/windows/
- Mac: https://appdividend.com/2018/03/28/how-to-install-django-in-mac/

3. **Pillow**

- Use "pip install pillow" to install

User Stories

JIRA	
Sprint 1	6 user stories are resolved
GROW-8 Community – Create and Interact with Threads **RESOLVED**	As a community user, I want to post, upload, comment, react and share threads as well as view post uploads so that ideas can be exchanged and feedback can be obtained
GROW- 7 Community - Create and manage Company Profile **RESOLVED**	As an aspiring enterpreneur Tom, I want to identify my team mates and create company profile so that I can collaborate and seek guidance
GROW-5 - Community - Message other users **RESOLVED**	As a community user, I want to directly message other users in the platform so that I can have organic and guided interaction within the community

GROW-4 - Community - Login to the system **RESOLVED**	As an aspiring entrepreneur Tom, I want to login to the system so that I can access features of the platform
GROW-3 - Community - Sign up account **RESOLVED**	As an aspiring entrepreneur Tom, I want to sign up an account so that I can have an account personalized for me
GROW-9 - Community - Sign up for Partner profile **RESOLVED**	As a partner Jai Legal TM, I want to sign up using my work email so that a partner profile is automatically created for me
Sprint 2	
GROW-36 - Community - Post refinement: create replies, Improve UI show tags **RESOLVED**	As a user, I want to be able to reply to comments, have a better UI, and want to easily identify posts made by instructors and partners because I would like to have a more appealing post mechanism
GROW-37 - E-learning - Student Explore learnings modules **RESOLVED**	As an aspiring entrepreneur Tom, I want to access modules and see its details so that I can freely learn and build on my ideas Explore all modules page module details page
GROW-1 - Community - View profile info and change password, etc **RESOLVED**	As an aspiring entrepreneur Tom, I want to view the profile of myself and others so that I can identify the users. I also want to be able to change my profile information like nickname, password, email etc. I also want to be able to dm a profile through their profile page
GROW-42 - Community - Add other users to the company and Brief description **RESOLVED**	As a company SunGrid Ltd, we want sections dedicated to listing of company founders, brief description of our company and being able to link employees to the company profiles so that we can be easily identified by viewers.
GROW-46 – Chat rooms functionality **RESOLVED**	As a community user, I want to chat with multiple people in a chat room with other users on the platform so that I can have organic and guided interaction within the community.
GROW-40 - E-learning - Instructor makes deliverables **RESOLVED**	As an instructor Jack, I want to deliver/upload quizzes, surveys, documents, videos and assignments with deadlines so that I can deliver material on a timely manner to students

GROW-2 Community - Search, navigate and filer Posts **RESOLVED**	As a community user, I want to search, sort, filter posts based on poster name, poster type, date, post content so that I/we can easily navigate to relevant posts
GROW-38 E-learning - Host video conference **RESOLVED**	As an instructor Jack, I want to host video conferences so that I can interact with others in the community in real time
GROW -39 E-learning - Join video conference **RESOLVED**	As an aspiring entrepreneur Tom, I want to join and communicate with video conferencing so that I can interact with others in the community in real time
GROW -72 E-learning - Track events by calendar **RESOLVED**	As an aspiring entrepreneur Tom, I want to schedule and know about upcoming events and reminders on my calender so that I am up-to-date with my learning.
GROW -73 Community/E-learning - Create graphic user interface for all pages **RESOLVED**	Acceptance creteria: Company, DM, Forum, Profile and Index pages will have the same theme and navbar Integrate search bar from forum and apply to the whole app
GROW -74 E-learning - User dashboard page **RESOLVED**	As an aspiring entrepreneur, I want to view dashboard page and able to do assignment in the dashboard
GROW -75 Community - Merge video chat and chatroom **RESOLVED**	As a user, I want to chatroom integrated with video chat to have a better user experience.
GROW -76 Community - Notifications for direct messages and Forums **RESOLVED**	As a user, I can click on the Message icon present on the top navigation bar and see the notifications of my messages situated on the top navigation panel in the form of a "Mail" icon. This will show me all my logs of my direct messages once I click on it. Also, as a user, I can click on the Bell icon present on the top of the navigation bar and get notifications of different features of my forum including: Likes on my post Likes on my comment Likes on my reply Comment on my post Reply on my comment
GROW -79 E-learning - Posting Videos **RESOLVED**	As an aspiring entrepreneur Tom, I want to download video and able to watch in different speeds so that I can learn easily

GROW -41 E-learning - Submit modules as a student **RESOLVED**	As an aspiring entrepreneur Tom, I want to submit my documents, quizzes, surveys, assignments so that I can then wait for my instructor to assess them Students or aspiring entrepreneurs can submit modules corresponding to related courses which were assigned to them, by the Instructor of the course they are enrolled in. Students or aspiring entrepreneurs can also delete their previous submission and submit again multiple times. Instructor can now access the modules which were submitted by students enrolled in that course.

Features:

Sprint1:

Register: Users can create account by filling out username, password, 2nd password, roles (partner, student, instructor), email address. If first and second password do not match, password is weak, username is weak, there would be an error log. – Refer to Users app

Login: Users can login with correct username and password. If username or password is incorrect, error log will pop up to inform user. User can use "forget password" option to reset the password from the email received. -- Refer to Users app

Chat: Users are able to get into specific chat room. In this chat room, users can have a chat with each other. -- Refer to Chat app

Company profile: Users can identify the teammates and the company belongs to. Users can find the company, view company information and can communicate with company colleges -- Refer to company_page app

Forum: Users can post, upload, comment, react with each other like youtube comments. Users are able to create a post and other users can reply or react

with this post. Users can also modify or delete the post created. -- Refer to forum app

Sprint 2:

Profile: Users are able to view the profile information and can change the fields such as password, photo etc. in profile page

Updated Forum: Users are able to reply others message. Also, can react the post such as like. There are more UI tags in forum page.

Courses modules: Instructor can create a course and add description on them. Student can enroll the courses instructor created. Also partners are able to view list of courses currently

Assignments: Students are allowed to upload assignments and instructors are allowed to mark the assignments

Company-updated: Now, company can add users. Users will have a brief description on the company.

Updated chatroom: Users can have chat room and able to chat with each other. Also, users can do direct message on other people

Posts: Users can now search, navigate, filter the posts in forum

Video conference: Instructor can host the video conference and other users are able to join the video conference.

Sprint 3:

Calendar: Users are able to use calendar to view the important date. Users can create/modify/delete the events and set up the specific date

Updated UI: Users will see a better version UI and use the better version to interact with the features

Dashboard page: Users can use dashboard page to enroll/ create course. By using the page, users can better study for material.

Notification system: User will receive notification from inbox either through direct message or chat room. Also, users can click forum to do navigation

Updated chatroom: Users can do video chat in sprint 3

Updated modules: Users can submit documents such as quiz/survey in sprint 3. Instructors are able to mark the quiz and survey.

Backend:

Database: SQLite to save user information.

Fields include:

id	integer

password	varchar (128)
is_superuser	bool
username	varchar (150)
first_name	varchar (150)
last_name	varchar (150)
email	varchar (254)
is_staff	bool
is_active	bool
date_joined	datetime
nickname	varchar (50)
last_login	datetime

Form.py: Contains the form submitted during registering and login. The form should include the fields above.