

UNIVERSITY OF WASHINGTON, BOTHELL

CTA PROPOSAL

B PHYS 311, INTRO TO ASTROPHYSICS

Segue 1: An Unevolved Fossil Galaxy from the Early Universe

Pongpak Techagumthorn
PONGPAKT@UW.EDU

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1 Topic Background

2 Motivation

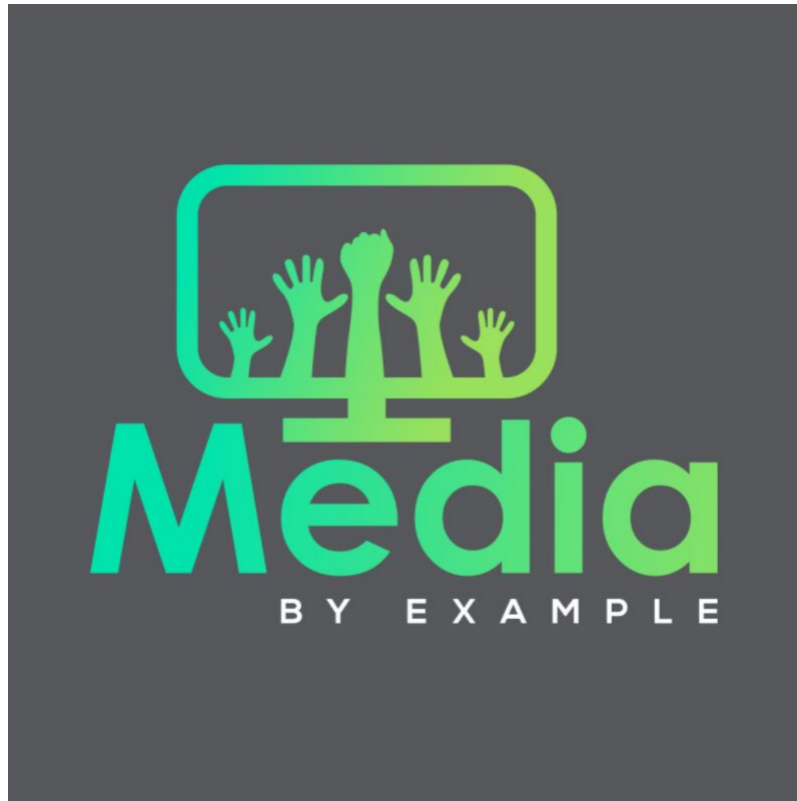
The motivation behind this project was the thought that, if there was a platform where we can find the workers needed for our day to day living. If we needed an electrician we don't have to go looking for an electrician but the only thing that we have to do is just make a post, where many professionals (electrician) can find you and have your work done with the best price.

3 Novelty

What is new about this project?

- Get jobs that are posted daily
- Get only the job suggestions that match your skills
- Manage post and contracts more efficiently
- Bill is calculated on daily basis

4 Sample Picture



5 Tools Used

Table 1: Tools used for the project

Tool	Purpose
Xampp	For creating a localhost
phpMyAdmin	For hosting the database
MySQL	As a database system
PHP	For server side handling
Javascript	For AJAX call and form validation
Bootstrap	For responsive interface
CSS & HTML	For designing basic template

6 Challenges Faced

These are the challenges we faced while doing the project:

- **Challenge 1:** While implementing auto-complete we couldn't get data dynamically.
- **Challenge 2:** Mailing with PHPMailer didn't work at first due to authorization problem and some protocols.
- **Challenge 3:** Sending/receiving data in the background with AJAX was quite confusing at first.
- **Challenge 4:** Calculating fare based on time interval was tough to implement at first.

7 Applications

8 Future Work

- Develop a mobile application based on this project.
- Adding support for map for direction and estimated time of arrival.
- One click to call feature.
- Enabling professionals active time period.
- Enabling individual messaging and replying to comments.
- Adding automated fare calculation based on some factor (e.g. time, distance).
- Discount will be provided to consumers.