**Task is to convert the andnowuknow.com(news website - Drupal) to Django fully**

**(period: 9 months)**

**Companies Directory Project Breakdown**

*This is a general overview of what the structure would look like. Feel free to improve, tweak, or make suggestions.*

* Create Django Project (andnowuknow)

**Registration / Login Flow**:

Fields:

* First Name:
* Last Name:
* Company: (Dropdown Select from current Companies) \*Optional
* Email Address:
* Please Describe Your Role: (Dropdown Select)
  + Produce Industry Employee
  + Retail Employee
  + 3rd Party Marketer or Service
  + Consumer
* Title or Position at Company

* New users must verify account registration by email.
* Passwords need to be at least 8 characters, with one number and a special character
* We also want to supply login via Google Account, LinkedIn, Outlook
* Once logged in, users can request permission to have editing privileges / ownership of their company, like Yelp.
* Requests are sent to a group email where an AndNowUKnow employee can verify the new owner of the profile.
* Once the user is authorized they can invite other users to join via email invitation and can manage who on their team can also have editing privileges over their company profile.
* New Owners can not change their Company Name on the profile nor delete it, only AndNowUKnow employees can.
* Owners must have an email address that matches a domain on the Company Profile in order to be considered valid. No personal emails will be considered.

**Company Profile** (Application):

*General Features*:

* Semi-Automate account validation by sending transactional email invitations only to users who register with an email with a matching domain name from a company that already exists in the database.

*Retail User Features*:

* Allow authenticated retail users to follow individual companies and receive transactional emails or texts when companies they follow add products to their profiles or publish news releases
* Retail Users will not have access to Retail Company profile editing functionality that produce companies have access to

*Produce Company Features*:

* Notify produce companies via email or text when retail users have viewed their profile, followed, or, subscribed
* Allow produce companies to embed social media posts to their profile which will also show up collectively as a feed on the website

**Domain** (Model):

*Fields*:

* Domain(s): (Short Text, Multi-Add)
* Company Reference (Required, String Option, Foreign Key: Company)

**Company** (Model):

*Fields*:

* Name of Company
* Logo (Image)
* Website (URL)
* Categories & Services (Reference Taxonomy - Many to One?)
* Varieties (Reference Taxonomy - Many to One?)
* Wraparound Ads on Page (Reference)
* Company Type: (Select Option: Fresh Produce, Retail, Service)
* Slug / URL (Auto-Slug, Unique)
* Social Link URLs:
  + Instagram Company Page Link
  + Facebook Company Page Link
  + LinkedIn Company Page Link
  + Twitter Company Account Link
  + Youtube Channel Link

**Hidden on page until authorized**:

Contact Information:

* Street Address
* State / Region
* Phone number
* Country
* Timezone
* Latitude / Longitude

—List of Staff Members (Relation)

—List of Products (Relation)

**Hidden from display**:

* Created by (User)
* Owned by (Designated Produce Company Employee)
* Created at (Auto Add Date)
* Updated at (Auto Add Date)
* Last Updated By (User who last updated)
* Published (Boolean)

**Person Profile** (Model):

*Fields*:

* First Name: (Short Text)
* Last Name: (Short Text)
* Title / Role / Position: (Short Text)
* Headshot: (Image, 2MB MAX, JS Image Cropper (Aspect Ratio 1:1))
* Company Reference
* Owner: (Select Option, Foreign Key, User)
  + On post save if selected will send email invite to user allowing them update their staff profile
* URL: (AutoSlug, Unique)

**2. Products** (Application):

**Product** (Model):

*Fields*:

* Name of Product (Short Text)
* Description (Long Text, HTML Editor)
* Photos (AWS Bucket) 10 MAX, 2 MB Each, JS Image Cropper (Aspect Ratio 16:9), Minimum Width: 1280px
* Year of Release: (String Option, Year, Range: 1900-Current)
* Category Reference (Required, Multi-Select, String Option, Foreign Key, Category)
* Variety Reference (Optional, Multi-Select, String Option, Foreign Key, Varieties)
* Company Reference (Hidden Field, AutoFilled)
* Created by (User)
* Created at (Auto Add Date)
* Updated at (Auto Add Date)
* Published (Boolean)

**2. Categories & Services** (Application):

**Categories & Services** (Taxonomy / Model):

*Fields*:

* Name of Category: Short Text
* Description: Long Text
* Parent Category (Fruit, Vegetable, Service)
* Image of Category (Image, 2 MB Each, JS Image Cropper (Aspect Ratio 16:9), Minimum Width: 1280px
* URL: (Slug, Unique)
* Published (Boolean)

**Varieties** (Taxonomy / Model):

*Fields*:

* Name of Variety: Short Text
* Description: Long Text
* Parent Category (Required, Select Option, Foreign Key: Categories)
* Image of Variety: (Image, 2MB Each, JS Image Cropper (Aspect Ratio 16x9)), Minimum Width: 1280px
* URL: (Slug, Unique)
* Published (Boolean)

**3. Ads** (Application):

**Wrapound Ad** (Model):

*Fields*:

* Main Ad File: (Image 1600x750)
* Supplemental Ad File: (Image 400x400)
* Destination: (URL)
* Copy / Description: (Short Text, Text for Alt and Title)

**Mobile Ad** (Model):

* File: (Image 600x600)
* Destination: (URL)
* Copy / Description: (Short Tex, Text for Alt and Title)

**4. User** (Extended Application)**:**

*Fields*:

* First Name
* Last Name
* Title / Role / Position
* Email Address
* Phone Number
* Company Reference (Foreign Key: User Email Address has to match company domain in order to be selected. Maybe have registration form link on the profile pages themselves and or a select list that appears when a matching domain is found upon registering on a main form)
* Can Edit Company Profile: (Boolean: Exposed to Owner of Produce Company Profile)

**Auth Groups**:

Design Staff (Internal User)

Author Staff (Internal User)

Sales Staff (Internal User)

Supplyside Employee (Produce Industry - External User)

Buyside Employee (Retail Industry - External User)