



# **EVE Design Presentation**

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# Business Requirements

- BR1** Assist smaller businesses/entrepreneurs in making connections with larger businesses for business growth.
- BR2** User will have access to resources such as educational videos, conferences, etc.
- BR3** Website sponsors shall be able to advertise their business and other.
- BR4** EVE should increase entrepreneurs' knowledge in their industry.
- BR5** EVE should be easy for users to navigate.
- BR6** The business will respond to user's request for new and remixed resources.
- BR7** Sponsorship will be an option for companies.



# Use Cases

## ACTORS

MEMBER

SPONSOR

ADMIN

**UC1** Sign up by making an account.

**UC2** Watch educational videos, blogs, conferences.

**UC3** Comment on blogs/videos/posts.

**UC4** Locate business addresses on map.

**UC5** Purchase sponsor package.

**UC6** Ask EVE for resource.

**UC7** Login to Admin account.

# Functional Requirements

## HIGH

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**FR1->BR1:** The EVE business deliverable will be a website.

**FR2->BR2:** The web application shall have a user sign-up option to register as a member or sponsor.

**FR3->BR2:** The web application shall have Member sign-up specifications

**FR4->BR3, BR7:** The web application shall have Sponsor sign-up specifications.

**FR5->BR2:** The web application shall have user sign in option.

## MEDIUM

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**FR6->BR6:** There shall be an Admin sign in page that requires email and password.

**FR7->BR2:** The web application shall have a forget password option.

**FR8->BR6:** The web application shall have and Ask Eve assistant for any questions/inquiries.

## LOW

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**FR9->BR3:** The web application shall contain a map for businesses locations.

**FR10->BR1:** The web application shall have Zoom and webEx connections for live chat and webinars.

# Non-Functional Requirements

## HIGH

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**NFR1->BR5:** The website should be based on a virtual building workspace.

**NFR5->BR1,BR5:** Website should be accessible on mobile devices and laptops/computers.

**NFR7->BR2:** The Member shall not need a subscription to view videos.

## MEDIUM

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**NFR2->BR5:** The website should be intuitive.

**NFR3->BR5:** The website should be interactive

**NFR4->BR5:** The website should be user-friendly.

## LOW

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**NFR6->BR1:** The website's database should be scalable.

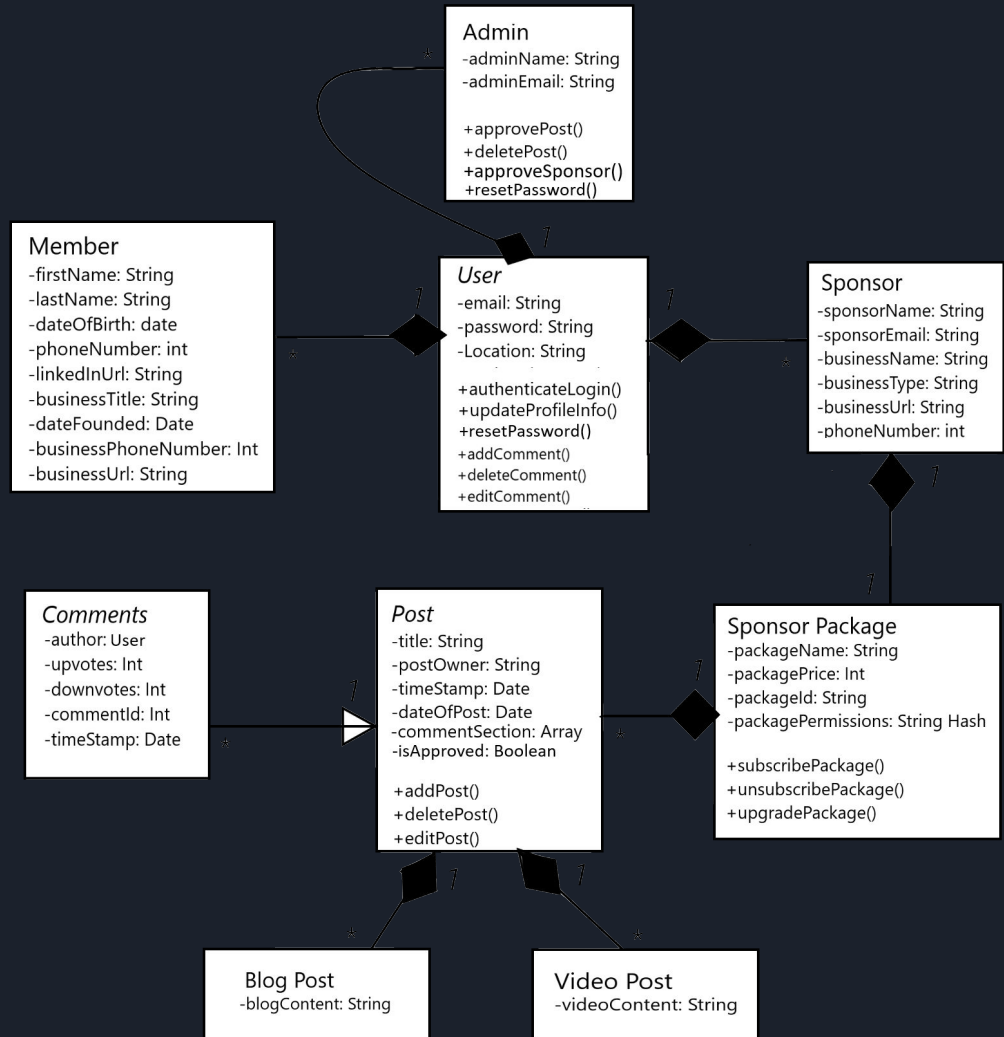
# Domain Model

## Mentor Feedback:

- Admin should become subclass of User.
- Add function *resetPassword()* to User.
- Add function *approveSponsor()* to Admin class.
- Add *isApproved* attribute to Post.
- Move comment functions to User class.
- Change Comment author attribute to User Object type.

## Client Feedback:

"Sponsor needs additional security: ie. security questions not just email"





# Tech Stack

## Frontend

### *React*

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Some of us were already familiar with it.

React Native if client wants mobile application.

## Backend

### *Django*

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Mentor recommended.

More recent than PHP.

A variety of supported libraries available (i.e. JWT).

## Database

### *MySQL*

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Most familiar with.

**Client asked us to use what we were most familiar with.**



# Prototype



Click me for prototype!

## Client feedback:

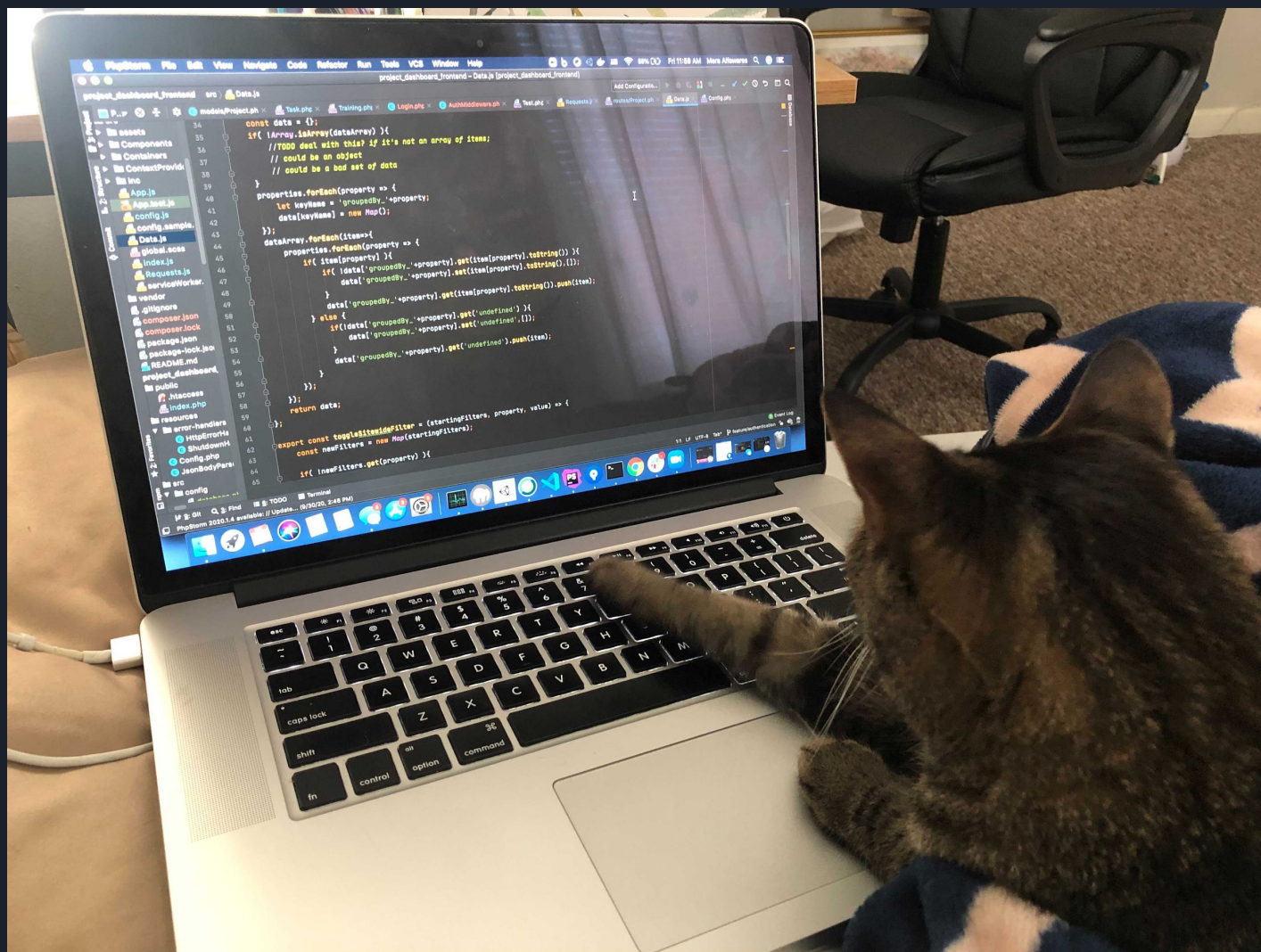
- Sign up should have section to explain benefits of member account and sponsor account.
- People should be able to access videos without being a member.
- Front page could introductory video and “Hot Topic of the Day” section to draw people in.
- Sign up and login buttons to the side, not at the front and center of the page.
- User has to register and login to comment—no anonymous comments





# First Iteration Features

- FR1** The EVE business deliverable will be a website—BR2
- FR2** The web application shall have a user sign-up option to register as a member or sponsor—BR2
- FR3** The web application shall have Member sign-up specifications—BR2
- FR4** The web application shall have Sponsor sign-up specifications—BR3, BR7
- FR5** The web application shall have user sign in option—BR2
- FR6** There shall be an Admin sign in page that requires email and password—BR6
- FR7** The web application shall have a forget password option—BR2





## Mentor's Feedback

- Markdown formatting tips,
- Database will change depending on deployment
- Provide forgot password, password reset options
- Ask client if she'd like google, oAuth, etc. login capabilities—could be another requirement
- Reword NFR7



# Client's Feedback

- Instead of having the login page as the main page, she wants an introductory page along with the “Hot Topic of the quarter” on the main page so that whoever visits the page should be able to understand what the website is all about.
- the admin should be able to know how many users watched a certain video along with being able to check for crude words.
- The sponsor accounts need to be approved so that the admin is sure that the business account is legitimate.
- Sponsor accounts should sign up by choosing a security question to maintain the security of their accounts.
- The member accounts should be easily converted into sponsor accounts if the member wants the access to post content on the website.
- Sign up should explain benefits of members and sponsors