a. Cache is King

b. Contagious Intelligence

c. Brandon Mortenson, Keynan Jenkins

d. Project Summary:

* Photography Studio
* Allowing clients to proof, comment, and purchase professional photography

e. Project Deliverables

**1) Transaction**: Create User profile and log in

**Use Case**: The user will setup their profile by filling out a web form with the following information: First Name, Last Name, Email Address, User name, Password, Address, etc. User will click a submit button which will send their information to the database, and trigger a confirmation email.

**2) Transaction**: Create photo album

**Use Case**: Photo album is created by entering a name. After the album is created it can be assigned to specific user profiles for access. Only those profiles that are associated with the album will be able to view the photo album. The third step is to upload pictures to the album.

**3) Transaction**: Users can preview pictures

**Use Case**: After a user signs into their profile, the database will be queried to find which albums the profile is authorized to view. These albums will be displayed on the user's dashboard.

**4) Transaction**: User adds items to cart

**Use Case**: Users can add items to cart, which is saved to their user profile

**5) Transaction**: Users can preview pictures

**Use Case**: The users can browse pictures, marking them as favorites.

**6) Transaction**: Check out

**Use Case**: User initiates a checkout process

**7) Transaction**: Purchase

**Use Case**: User submits payment information

**8) Transaction**: Receipt

**Use Case**: Page generates summary of purchase and reports to the user. Page also sends email to customer.

**9) Transaction**: Catalog of image sizes to purchase

**Use Case**: User can view, select, and apply images sizes to selected images

**10) Transaction**: Catalog of printing options to purchase

**Use Case**: User can view, select, and printing options to selected images