

Analysis and design for My Concert Tickets

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<Change Log>

Version	Date	Description
1.1	12/05/2016	Scope goal requirements
1.2	12/06/2016	Decomposition Diagram
1.3	12/07/2016	Prototypes
2	12/08/2016	Reviewing and finalizing

<Scope>

This website/ page will enable the customer to buy tickets in packages. This process intends to benefit vendors by providing them a uniformed platform to sell tickets and intends to benefit the customers by selling them tickets at a discounted rates.

<Goal>

Tom Smith aims to partner with online ticket selling companies and aims to become the leader in the ticket-selling industry. The goal is to benefit vendors as well as the customers.

<Objectives>

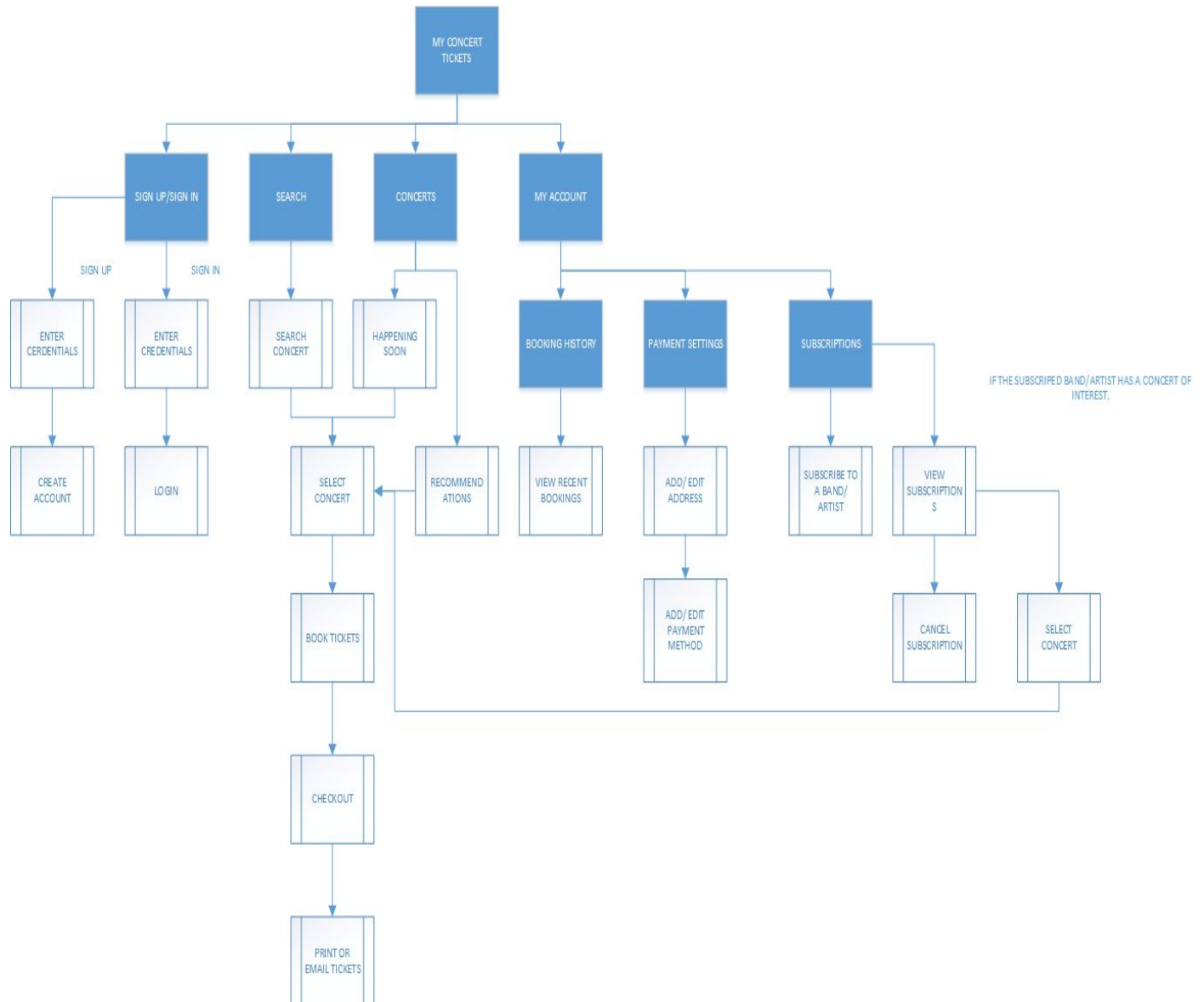
1. Sell tickets of all music genres.
2. Sell tickets in groups/packages.
3. Provide a variety of package options.
4. Offer discount rates on packages.

5. The discount rates would vary according to the package.

<Out of Scope Items>

1. Would not encourage social plug ins.
2. Would not encourage advertisements.

<Business decomposition>



<Functional Requirements>

1. Sign Up/sign in

- 1.1. Will enable the customer to create an account.
- 1.2. Will enable the customer to access their account.
- 1.3. Will save customer's Name, email and DOB assign a unique customer id.
- 1.4. Will save customers music preferences to send and show recommendations.

2. Search

- 2.1. Will enable the customer to look for a specific concert.
- 2.2. Will allow the customer to search on bases of band/artist name or music genre.
- 2.3. Will have the feature of auto suggest.
- 2.4. Will display optimized result.

3. Concert

- 3.1. Will display concerts that are happening in the near future.
- 3.2. Will display recommended concert events.

- 3.3. The specific concert page will show the available concert dates.
- 3.4. Will allow the customer to select a date.
- 3.5. Will allow the customer to select a package.

4. My Account

- 4.1. Will enable the customer to edit his data such as email.
- 4.2. Will enable the customer to see his past bookings.
- 4.3. Will enable the customer to see his subscriptions
- 4.4. Will enable the customer to change payment settings.

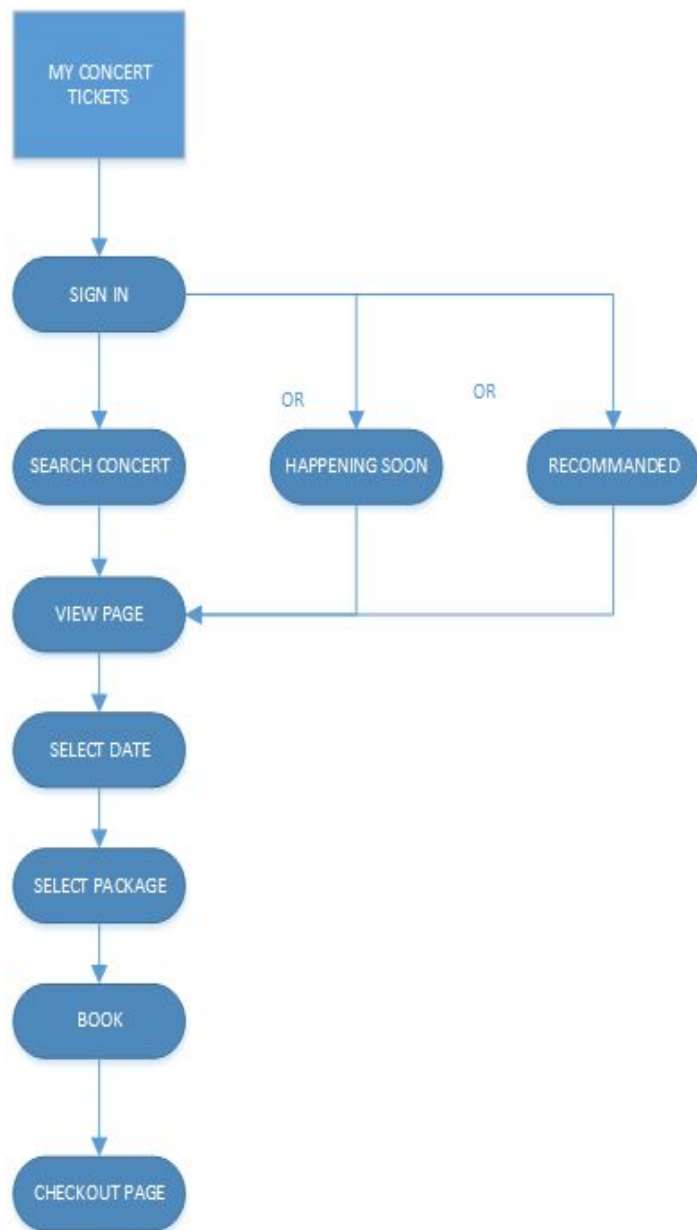
<Non-Functional Requirements>

- 1. Will allow customers to do region wise search.
- 2. Will send suggestions and recommendations via email.
- 3. Will provide a feedback form to analyse customer service.
- 4. Will provide seasonal discounts.

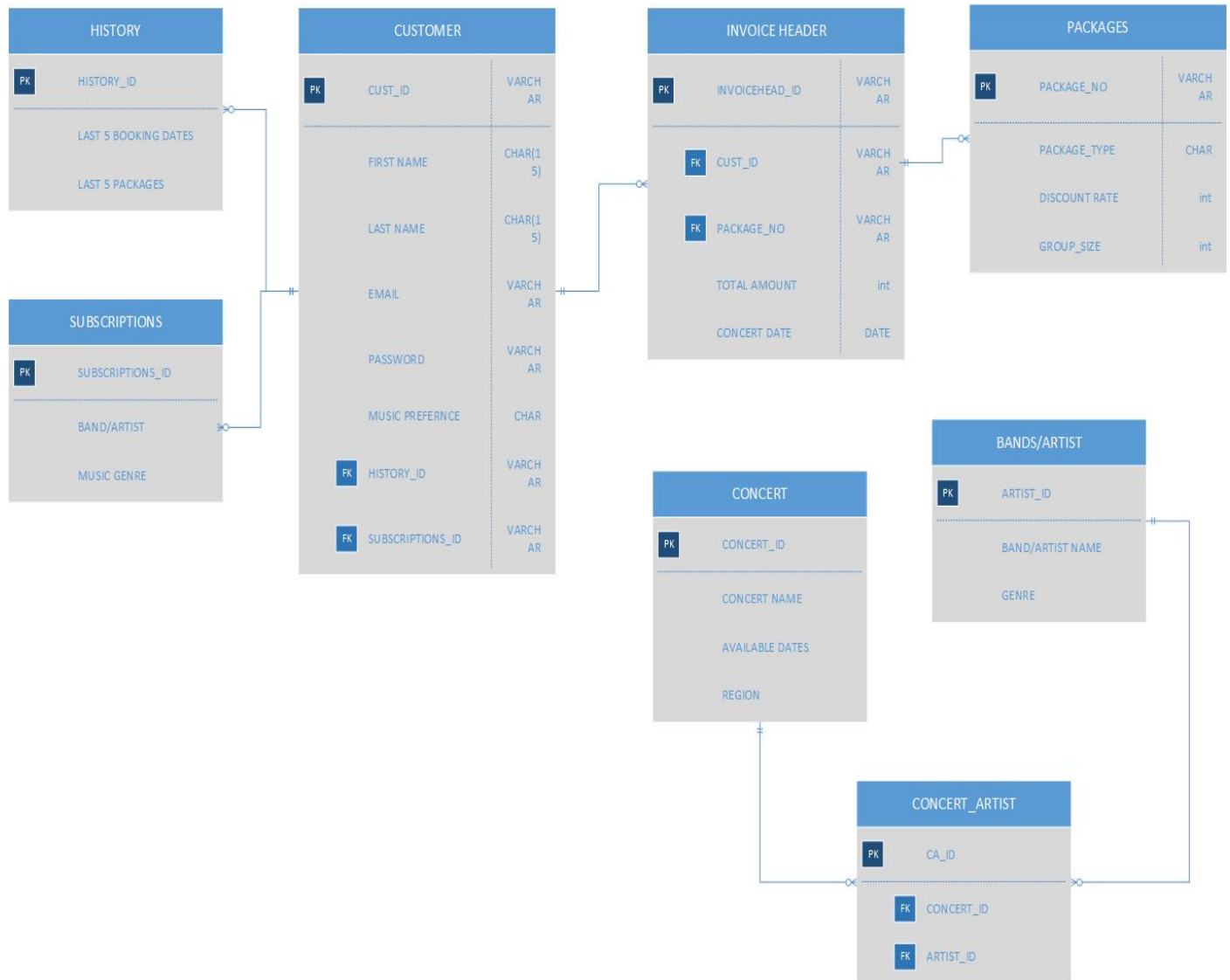
<Stakeholders>

1. Investors from music industry.
2. Individual ticket selling companies.
3. Advertisers such as music producers and music studios.

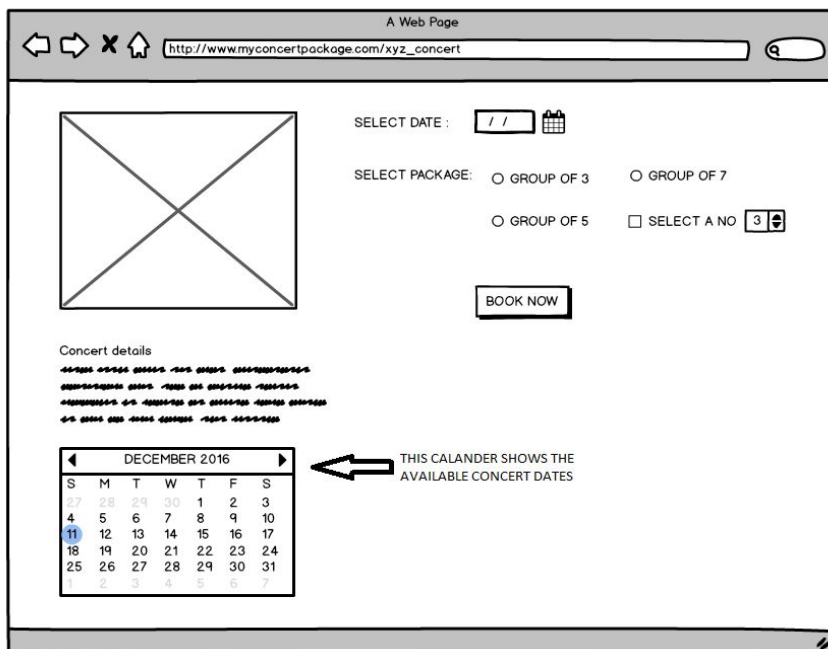
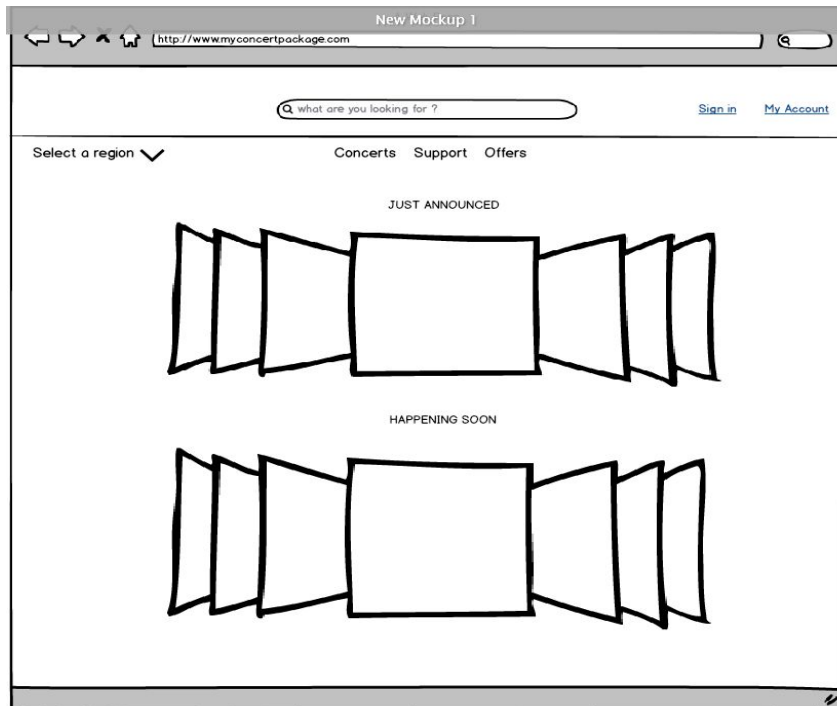
Process Flow



Data Model



Prototypes



New Mockup 1.com/sign in

SIGN UP HERE

FIRST NAME :

LAST NAME :

EMAIL :

USERNAME :

PASSWORD :

DATE OF BIRTH :

TELL US WHAT YOU LIKE!

☐ ROCK ☐ HIPHOP

☐ EDM ☐ JAZZ

☐ POP

www.myconcerttickets.com/sign in

SIGN IN HERE

USERNAME :

PASSWORD :

Use cases

<Enumerate use cases>

1. The customer uses the sign up to create an account
2. The customer uses the search bar to look for specific concert.
3. My Account is where the customer can view is account details, subscriptions and past bookings.
4. Concert is where the customers can find concerts that will be happening soon and concerts that are recommended to them.

<Use Cases>

Sign in/up page

User	System
Clicks on sign in link	Displays sign in page
Enters credentials(username, password) if has an account and hits sign in.	Validates the credentials entered and displays user's account or pops a dialog box asking to check values.
If not an existing customer	Displays the sign up page.

then hits sign up.	
Enters First Name and Last Name	Displays FirstName and Last Name.
Enters email id.	Validates the email id format, if not ok displays error message.
Enters password	Validates the password, if not ok displays error message.
Enters Date of birth.	Displays input.
Selects Music preferences	Saves the selected options.
Clicks on create account	Updates details to database and assigns an auto generated customer id.

Booking Tickets for Concerts

User	System
Sign in to account	Takes you to home page
Searches a concert/ selects from happening soon/ selects from recommended	Displays the respective page with details.
Selects the date.	Displays input.
Select a package according to group size.	Displays input.
	Prompts to save the choices.
May or may not save	
	Updates the invoice with package details and applies discounts.
	Displays total cost

Confirms back clicking on Book.	Takes to the payment site.
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