

SEE RADIO

**(A WEB APPLICATION FOR
ADVERTISEMENT AND
CAMPAIGN MANAGEMENT)**

By

PRAKRUTI VAVDIYA (17CEUOS079)

A project submitted

In

**partial fulfillment of the requirements
for the degree of**

**BACHELOR OF TECHNOLOGY
in
Computer Engineering**

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April 2021

CERTIFICATE

This is to certify that the project work titled

See Radio

**(Web Application for Advertisement
and Campaign management)**

is the Bonafide work of

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carried out in the partial fulfillment of the degree of Bachelor of Technology in
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Training Certificate



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Date: 7th April 2021

Training Certificate

This is to certify that **Ms. Prakruti Vavdiya**, student of Dharmsinh Desai University, Nadiad is doing internship on "**React JS**" from 5th November 2020.

She is honest, intelligent and efficient. Her character and conduct are quite satisfactory.

We wish her all the best in her future endeavours.

For, Bacancy Software LLP.

A handwritten signature in blue ink that reads 'Mehta B.' followed by a flourish.



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Acknowledgements

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Whenever a technical project is developed, eventually it requires conducive technical environment and technical guidance to get involved in the assigned project enthusiastically. I am also grateful to “**Bacancy Technology**” for being extremely friendly and cooperative during the entire course of my project. Their continuous help and support made the project much easier. There is no exact word to express my regards and legitimate gratitude to my esteemed techno personalities, without them this project could not get an entrance towards the execution. My mentors are pioneers who availed this magnificent to me to move ahead. They have always inspired and guided me for the right track to be followed for all the system analysis sections of this project.

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Chapter 1

Introduction

Today the World is growing faster and is becoming smaller because of the communication medium developed by human beings. In this communication part, the very important role has been performed by Web Development Technology. Because of Different types of Web Development Technologies, we are able to create so many Web Apps used for different applications.

We can see so many Websites today giving information about education, healthcare, different products, weather, Hotels, Air lines, Bus etc. These websites make our lives very easy.

Thus the Web App, for different applications can be created which can be useful to any person who accesses the Internet. We have developed our project on the Web Development Based Technology (Full Stack).

When a person or company needs help for the Advertisement of their product, this kind of Web App helps them regarding productivity and manage the advertisement on the single platform i.e. SEE RADIO.

See Radio is a system that mainly focuses on the production, management, and distribution of the campaign (advertising video). It will produce a campaign video (end product) based on the advertiser's (client) requirements. The system manages several roles which help for producing campaign video.

Chapter 2

About The System

System details:

- **Existing system:**

- In the Existing System they are using some Manual work and every stakeholder works on their own software
- There is no system so that all the stakeholders can work together using single software.

- **Proposed system:**

- The purpose of this project is to develop a user friendly and interactive Web Application which can give a perfect **advertising platform** to make real viewers and perfect platform to display and advertise at the right time.
- The See Radio System mainly focuses on **production, management, and distribution of advertisement**. It will make advertisements as per the client requirement so designers of the See Radio make the design of advertise and deploy to the distribution partner to display those advertisements.

Roles:

- See Radio Administrator(SRA)
- See Radio Account Manager(SRAM)
- Advertiser
- Sales Organizations
- Graphic Designers
- Distribution Partners

Description:

There are mainly two types of Administrative roles in see radio

1. SRA (See Radio Administrator)

2. SRAM (See Radio Account Manager)

The *Advertiser* comes with specific requirements and targeted number of views for the campaign.

Sales Organizations are the middleware entity (third party Company) which communicate with Advertisers, look after their requirements and manage the entire production of the campaign.

Graphic Designers are responsible for generating fundamentals (storyboard and videos) for the campaign.

Distribution partner (third party Company) which is responsible for distributing campaigns and achieving targeted views.

Scope of system:

The scope of this Web application deals with the client and End-products. Clients want to display the advertisement on the internet world for its productivity and more growth. And See Radio will help to complete client Goals and requirements.

Objective:

- See Radio is a system that mainly focuses on the production, management, and distribution of the campaign (advertising video).
- It will produce a campaign video (its end product) based on the Advertiser's (client) requirements.
- See Radio allows system actors to manage their work regarding the system and monitor the progress from very beginning till completion for each campaign very effectively.
- Based on client requirement and assets provided by them, campaign video is prepared by graphic designers
- After client approval, Video is given for distribution for achieving targeted number of views.

Chapter 3

Analysis

Requirement Gathering:

- Stakeholder of system:
 - Internal stakeholders:
 - See Radio Administrator
 - See Radio Account Manager
 - External stakeholders:
 - Distributor Manager
 - Graphic Designer Administrator
 - Graphic Designer
 - Sales Organization Administrator
 - Salesperson
 - Client

Requirement Gathering Technique Used:

It is critical to capture the necessary facts to build the required database application. These facts are captured using fact-finding techniques. The formal process which includes techniques such as interviews and questionnaires is used to collect facts about systems, requirements and preferences.

In Requirement gathering we use Different type of Fact-Finding Techniques like

- Examining documentation
- Research
- Observing the organization in operation

Feasibility Study:

Feasibility study is the most important of analyses through which analysts can come to know whether their system is practically possible or not for that analyst to have to make study over the system in various aspects. Following are three ways through which we can check the feasibility of the system.

- **Technical Feasibility:**

After doing feasibility study for the system we can conclude that we can use ReactJs as a front-end tool and MySQL and Node are back-end tools. And system requirements can be easily fulfilled using these tools. So we can say that this system is technically feasible.

- **Economic Feasibility:**

For doing economical study we have to compare all the incomes and expenses related to this application. From incomes and costs comparisons we can say that this system is economically feasible for all Users.

- **Operational Feasibility:**

After operational feasibility we can say that this system will be operational feasible because that system will be web based and users working on the internet have basic knowledge of the internet and computer so it is easy to explain them and this system is operation feasible. From all the feasibility studies we can say that this system is feasible for implementation on the internet.

Hardware and software requirements:

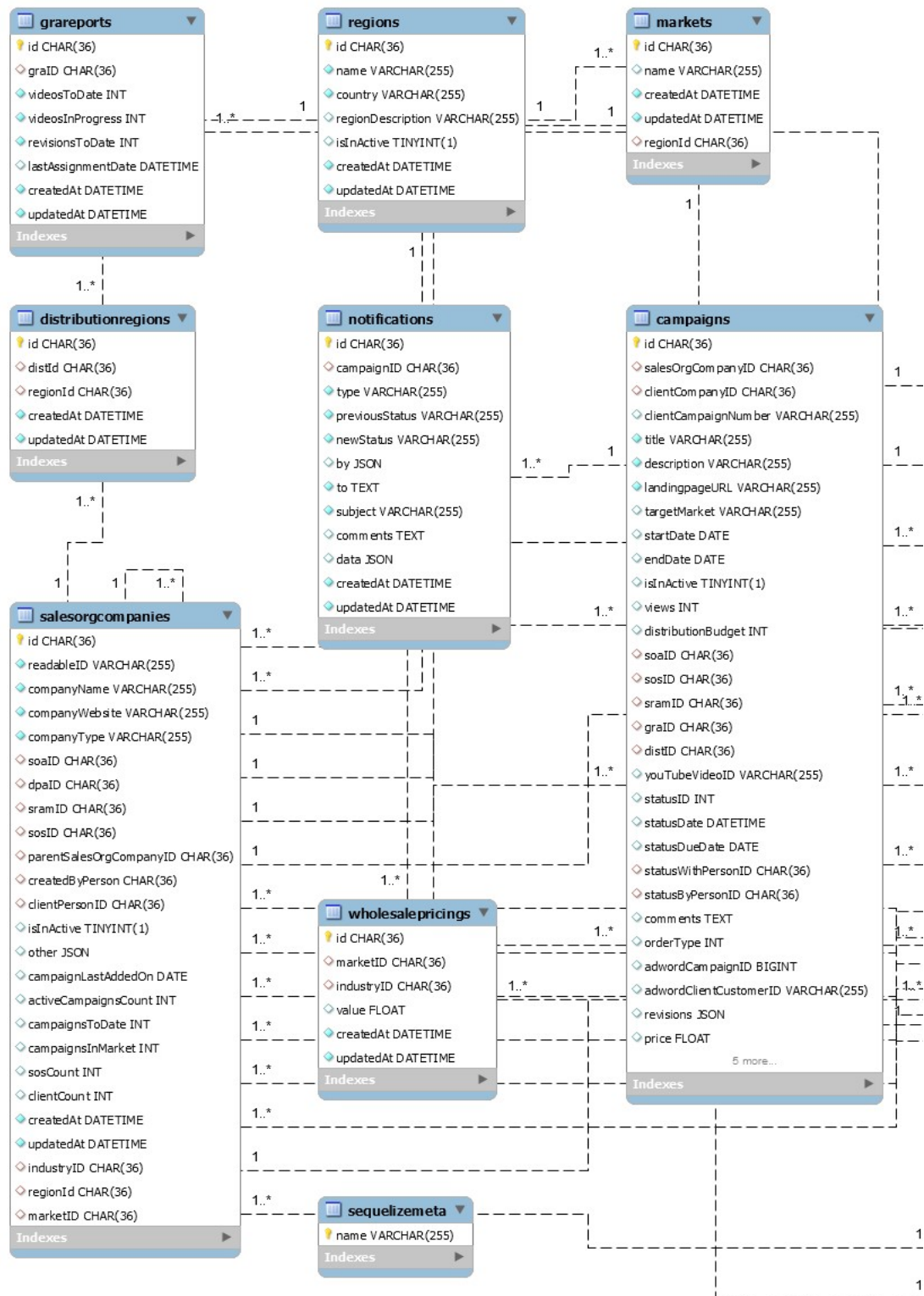
(1) Hardware requirements :-

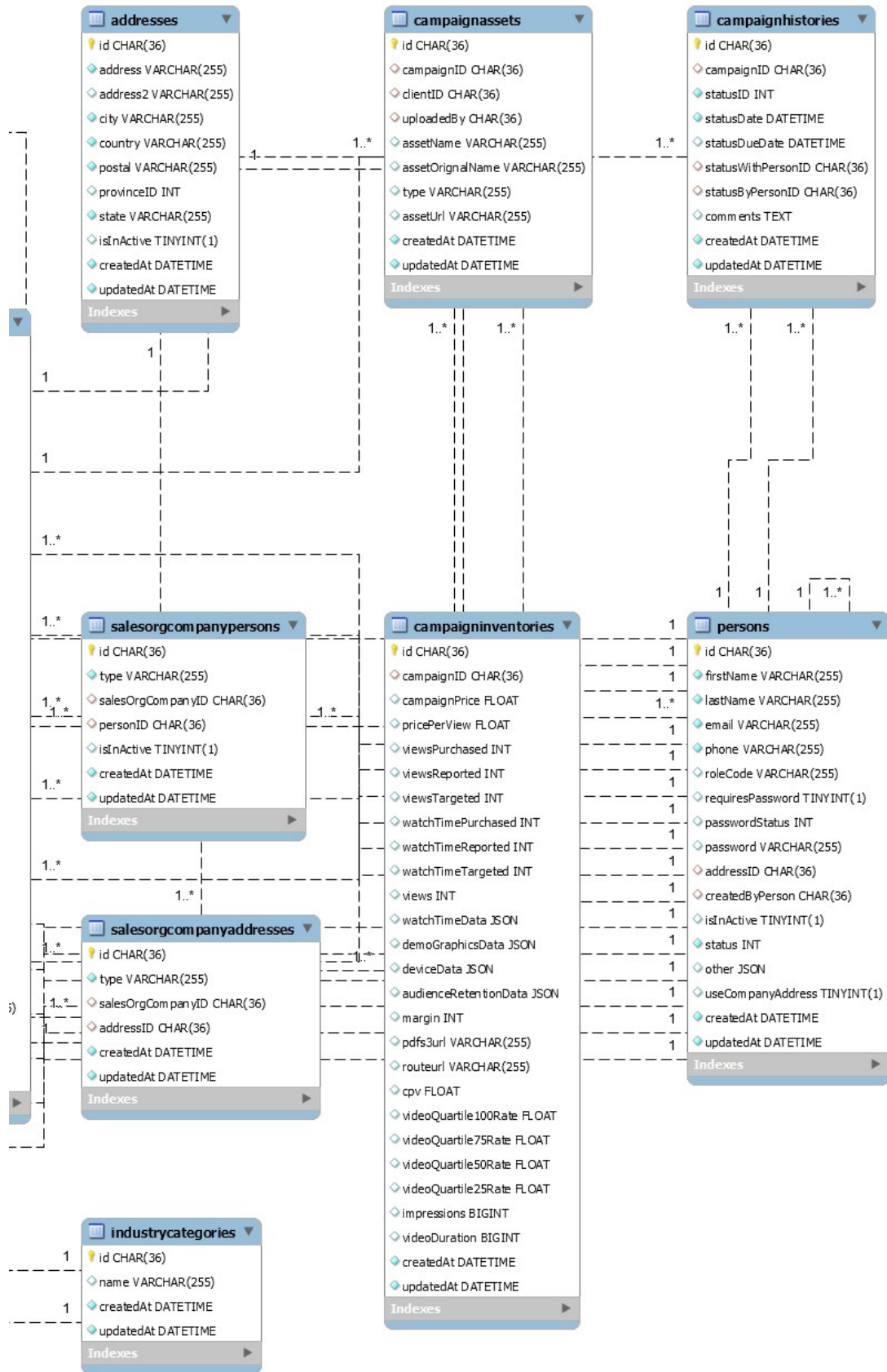
- 1 GB of RAM
- 500 MB of free hard disk space.

(2) Software requirements :-

- Operating system: - windows, android, ubuntu
- Internet Browser: - Mozilla Firefox/Google Chrome, Yahoo
- Front end: - React.js
- Back end: - Node.js
- Database: - MySQL

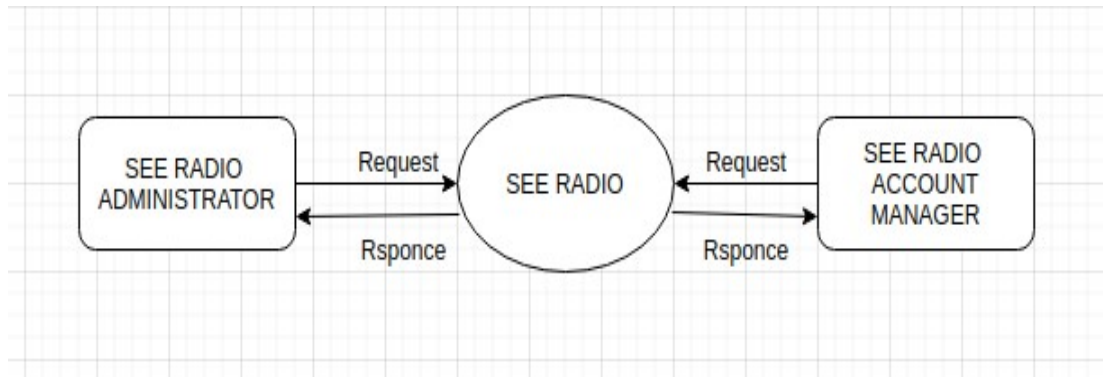
EER Diagram



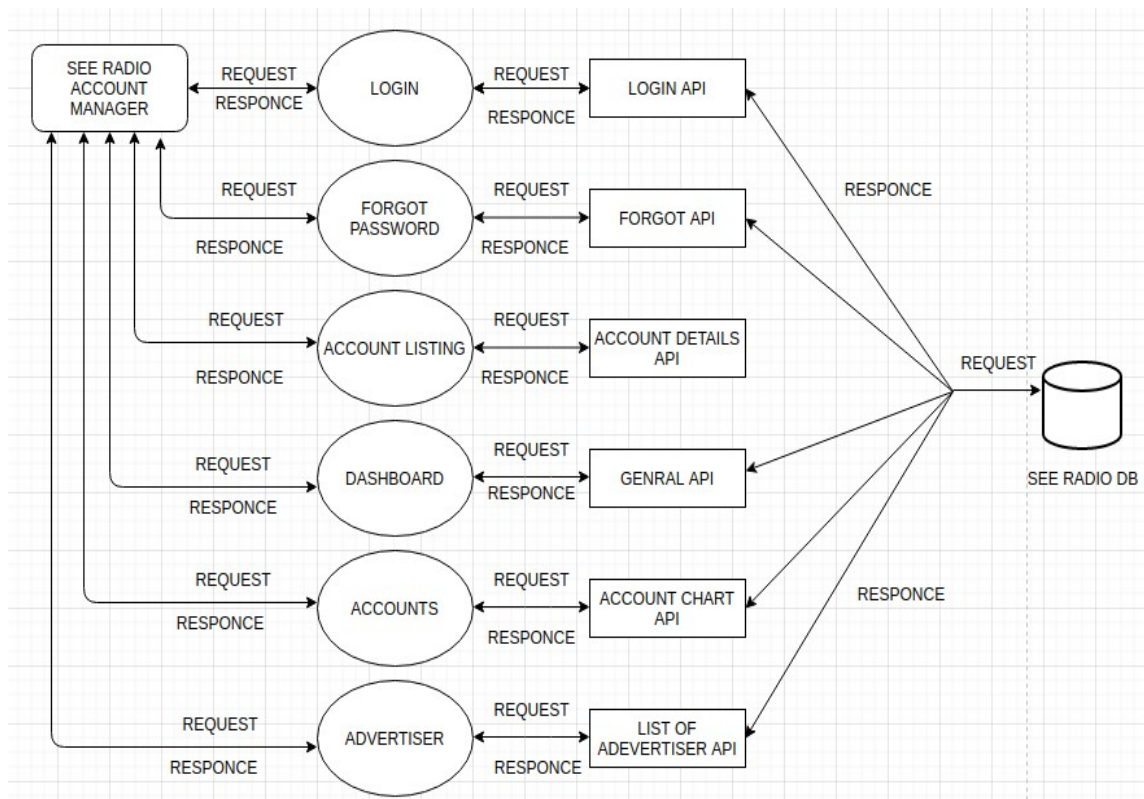


Data Flow Diagram

Context Level Diagram 0 level



Level 1 DFD for SRAM

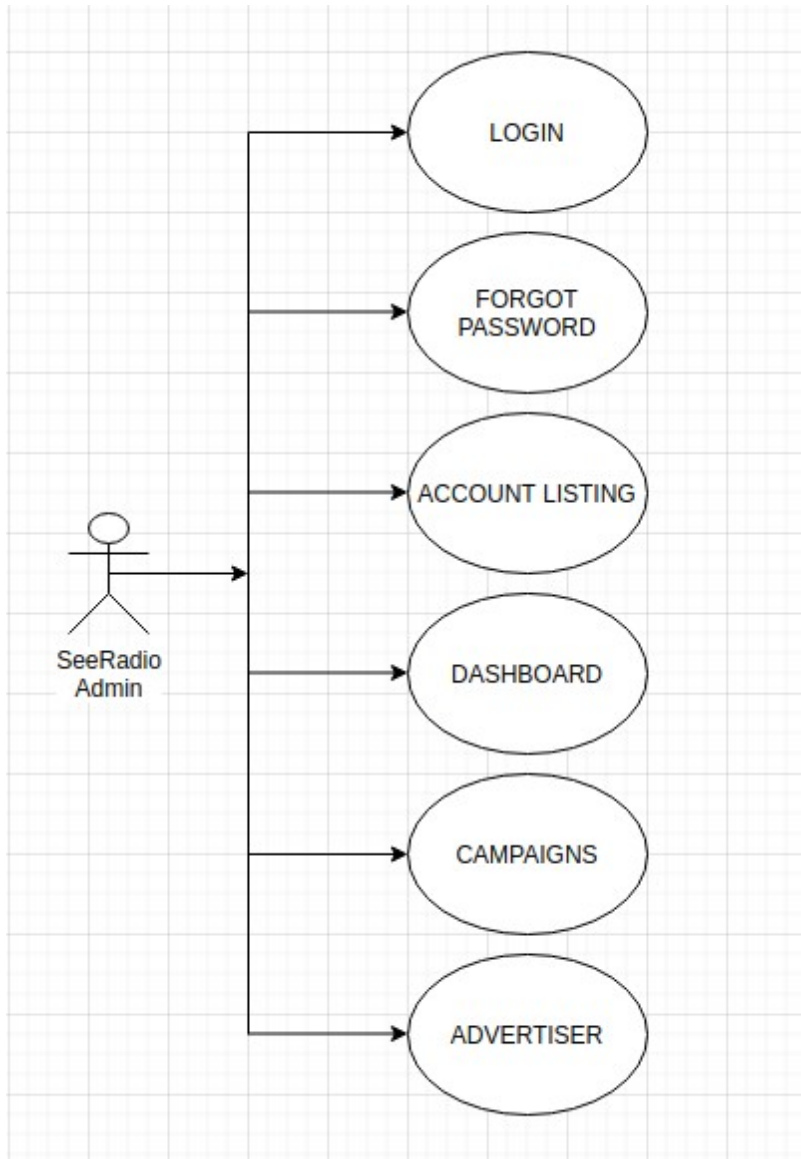


Level 1 DFD for SRA

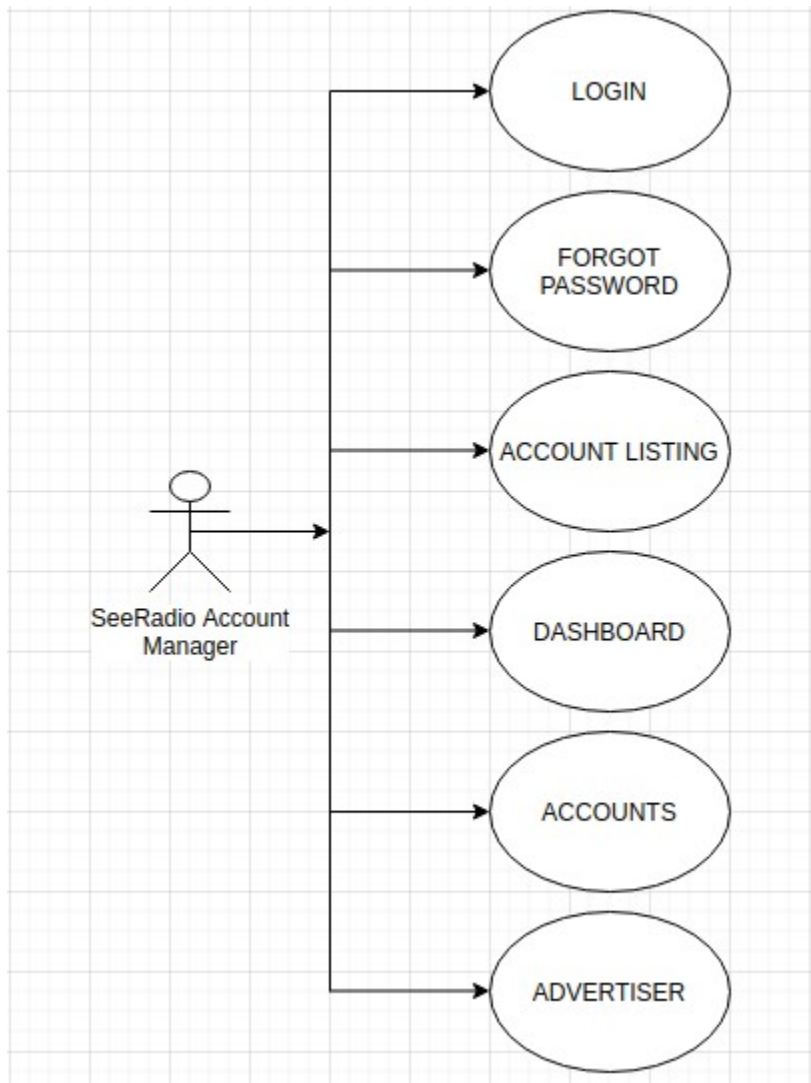


Use case Diagram

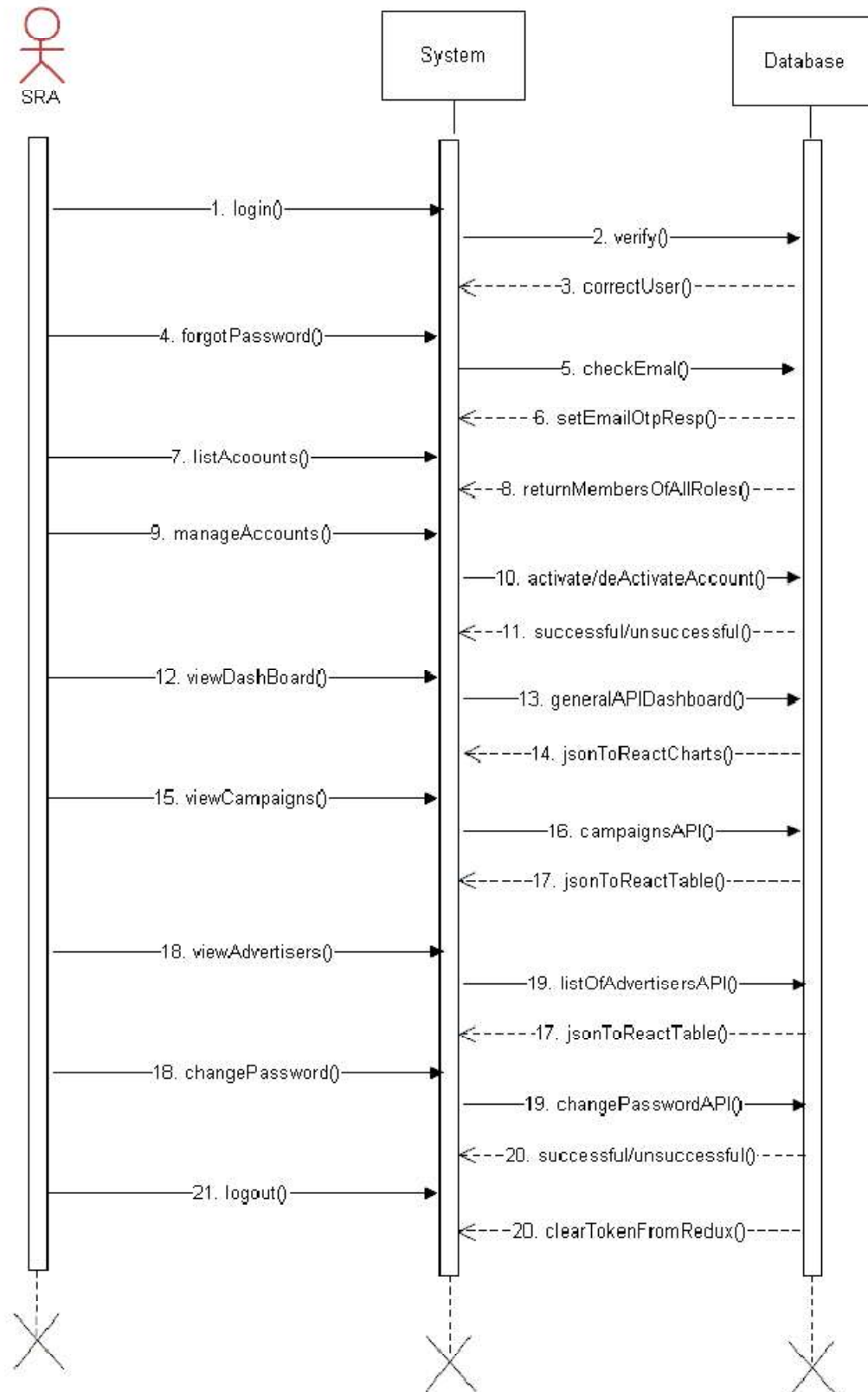
Use Case Diagrams for See Radio Administrator



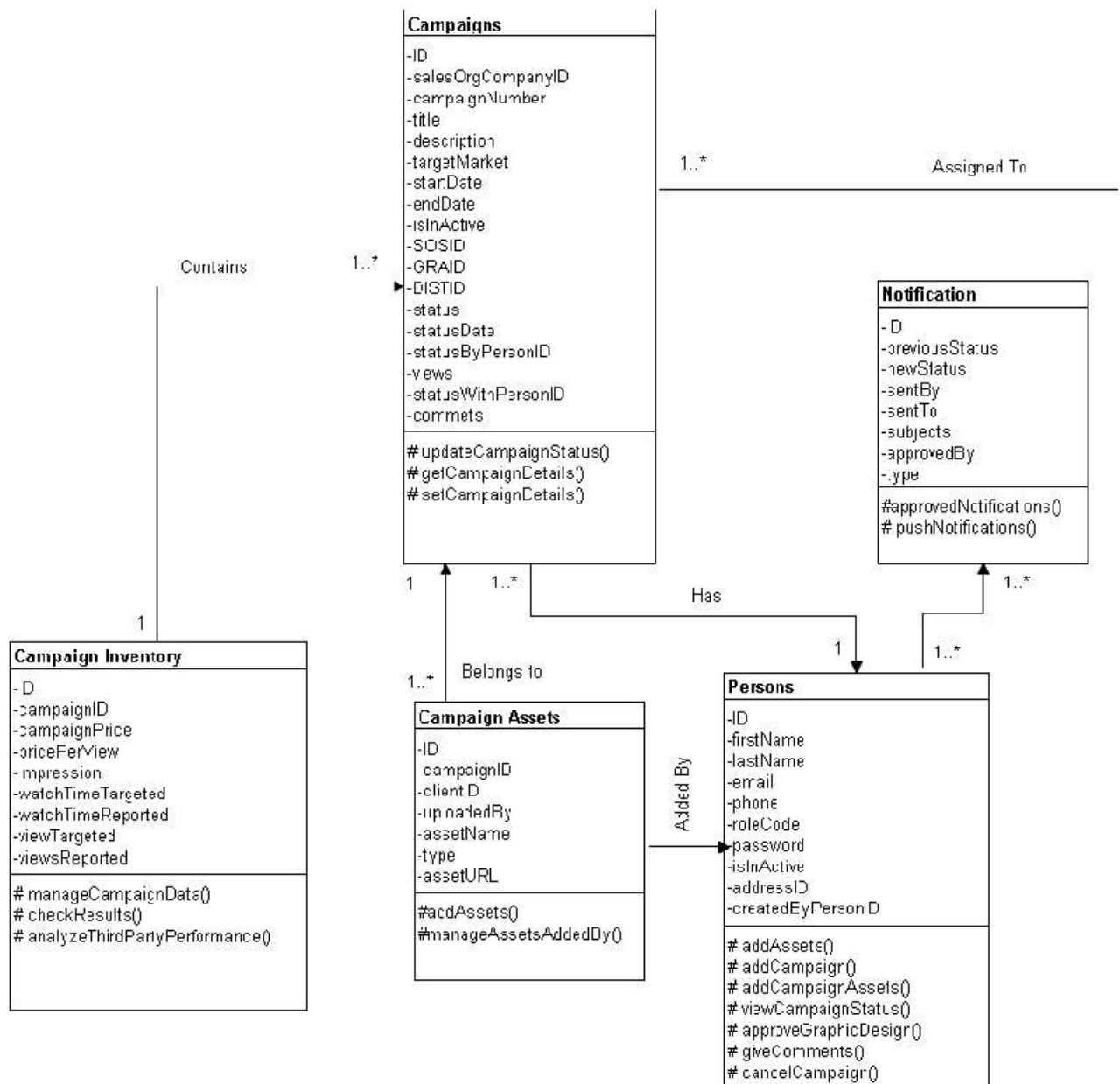
Use Case Diagrams for See Radio Account Manager.



Sequence Diagram



Class Diagram



Chapter 4

Design

Database Dictionary

Table Name: addresses

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Address Id.
2	address	varchar	255	Not Null	It represents Address Line1.
3	address2	varchar	255		It represents Address Line2.
4	city	varchar	255	Not Null	It represents City.
5	country	varchar	255	Not Null	It represents Country.
6	postal	varchar	255	Not Null	It represents Postal Code.
7	provinceID	int	-		It represents Province Id.
8	state	varchar	255	Not Null	It represents State
9	isInActive	tinyint	1		It represents Address is Active or Not.
10	createdAt	datetime	-	Not Null	It represents creation time
11	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: campaignassets

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	campaignID	char	36	Foreign Key	It represents campaign Id for asset
3	clientID	char	36	Foreign Key	It represents client Id for asset
4	uploadedBy	char	36	Foreign Key	It represents person who uploaded asset
5	assetName	varchar	255		It represents asset name
6	assetOriginalName	varchar	255		It represents asset file name
7	type	varchar	255		It represents file type
8	assetUrl	varchar	255		It represents url of asset
9	createdAt	datetime	-	Not Null	It represents creation time
10	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: campaignhistories

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	campaignID	char	36	Foreign Key	It represents campaign Id
3	statusID	int		Not Null	It represents Status Id.
4	statusDate	datetime	-	Not Null	It represents Status Date.
5	statusDueDate	datetime	-		It represents Status Due

					Date.
6	statusWithPersonID	char	36	Foreign Key	It represents Status with Person Id.
7	statusByPersonID	char	36	Foreign Key	It represents Status by Person Id.
8	comments	text	-		It represent comments
9	createdAt	datetime	-	Not Null	It represents creation time
10	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: campaigninventories

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	campaignID	char	36	Foreign Key	It represents Campaign Id.
3	campaignPrice	float	-		It represents Campaign Price
4	pricePerView	float	-		It represents price per view
5	viewsPurchased	int	-		It represents views Purchased
6	viewsReported	int	-		It represents Views Reported
7	viewsTargeted	int	-		It represents Views Targeted
8	watchTimePurchased	int	-		It represents Watch Time Purchased

9	watchTimeReported	int	-		It represents Watch Time Reported
10	watchTimeTargeted	int	-		It represents Watch Time Targeted
11	views	int	-		It represents views
12	watchTimeData	json	-		It represents watch Time Data
13	demoGraphicsData	json	-		It represents demo Graphics Data
14	deviceData	json	-		It represents device Data
15	audienceRetentionData	json	-		It represents Audience Retention Data
16	margin	int	-		It represents margin
17	pdfs3url	varchar	255		It represents Pdfs url
18	routeurl	varchar	255		It represents Route url
19	cpv	float	-		It represents Cpv info
20	videoQuartile100Rate	float	-		It represents videoQuartile100Rate
21	videoQuartile75Rate	float	-		It represents videoQuartile75Rate
22	videoQuartile50Rate	float	-		It represents videoQuartile50Rate
23	videoQuartile25Rate	float	-		It represents videoQuartile25Rate
24	impressions	bigint	-		It represents impressions
25	videoDuration	bigint	-		It represents video Duration
26	createdAt	datetime	-	Not Null	It represents creation time
27	updatedAt	datetime	-	NotNull	It represents last updated time

Table Name: campaigns

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	salesOrgCompanyID	char	36	Foreign Key	It represents Sales Org Company ID
3	clientCompanyID	char	36	Foreign Key	It represents Client Company ID
4	clientCampaignNumber	varchar	255		It represents Client Campaign Number
5	title	varchar	255	Not Null	It represents Title
6	description	varchar	255	Not Null	It represents description
7	landingpageURL	varchar	255	Not Null	It represents Landing page URL
8	targetMarket	varchar	255		It represents Target Market
9	startDate	date	-		It represents Start Date
10	endDate	date	-		It represents End Date
11	isInActive	tinyint	1		It represents Is InActive status of campaign
12	views	int	-		It represents Views
13	distributionBudget	int	-		It represents Distribution Budget
14	soaID	char	36	Foreign Key	It represents soaID
15	sosID	char	36	Foreign Key	It represents sosID

16	sramID	char	36	Foreign Key	It represents sramID
17	graID	char	36	Foreign Key	It represents graID
18	distID	char	36	Foreign Key	It represents distID
19	youTubeVideoID	varchar	255		It represents youTube Video ID
20	statusID	int	-	Default value '1'	It represents statusID
21	statusDate	datetime	-		It represents statusDate
22	statusDueDate	datetime	-		It represents statusDueDate
23	statusWithPersonID	char	36	Foreign Key	It represents statusWithPersonID
24	statusByPersonID	char	36	Foreign Key	It represents statusByPersonID
25	comments	text	-		It represents comments
26	orderType	int	-		It represents order Type
27	adwordCampaignID	bigint	-		It represents Adword Campaign ID
28	adwordClientCustomerID	varchar	255		It represents Adword Client Customer ID
29	revisions	json	-		It represents Revisions
30	price	float	-		It represents Price
31	isCronRun	tinyint	1	Default value '0'	It represents Is Cron Run status
32	isMinPreparationTimeSatisfied	tinyint	1	Default value '0'	It represents Is Min Preparation Time

					Satisfied status
33	other	json	-		It represents Other details
34	createdAt	datetime	-	Not Null	It represents creation time
35	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: distributionregions

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	distId	char	36	Foreign Key	It represents distId
3	regionId	char	36	Foreign Key	It represents regionId
4	createdAt	datetime	-	Not Null	It represents creation time
5	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: grareports

Sr No	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	graID	char	36	Foreign Key	It represents gra ID
3	videosToDate	int	-	Not Null (Default value '0')	It represents videos To Date

4	videosInProgress	int	-	Not Null (Default value '0')	It represents videos In Progress
5	revisionsToDate	int	-	Not Null (Default value '0')	It represents revisions To Date
6	lastAssignmentDate	datetime	-		It represents last Assignment Date
7	createdAt	datetime	-	Not Null	It represents creation time
8	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: industrycategories

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	name	varchar	255		It represents industry name
3	createdAt	datetime	-	Not Null	It represents creation time
4	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: markets

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	Name	varchar	255		It represents market

					name
3	regionId	char	36	Foreign Key	It represents region Id
4	createdAt	datetime	-	Not Null	It represents creation time
5	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: notifications

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	campaignId	char	36	Foreign Key	It represents campaignId
3	type	varchar	255	Not Null	It represents type of notification
4	previousStatus	varchar	255	Not Null	It represents Previous Status
5	newStatus	varchar	255	Not Null	It represents New Status
6	by	json	-		It represents 'from' value
7	to	text	-	Not Null	It represents 'to' value
8	subject	varchar	255	Not Null	It represents subject
9	comments	text	-		It represents comments
10	data	json	-		It represents data
11	createdAt	datetime	-	Not Null	It represents creation time
12	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: persons

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	firstName	varchar	255	Not Null	It represents first Name
3	lastName	varchar	255	Not Null	It represents last Name
4	email	varchar	255	Not Null	It represents email
5	phone	varchar	255	Not Null	It represents phone
6	roleCode	varchar	255		It represents roleCode
7	requiresPassword	tinyint	1		It represents requires Password
8	passwordStatus	int	-		It represents password Status
9	password	varchar	255		It represents Password
10	addressID	char	36	Foreign Key	It represents addressID
11	createdByPerson	char	36	Foreign Key	It represents created By Person
12	isInActive	tinyint	1		It represents isInActive status
13	status	int	-	Not Null (Default '1')	It represents status of person
14	other	json	-		It represents other
15	useCompanyAddress	tinyint	1		It represents use Company Address
16	createdAt	datetime	-	Not Null	It represents creation time
17	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: regions

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	name	varchar	255	Not Null	It represents name
3	country	varchar	255	Not Null	It represents country
4	regionDescription	varchar	255		It represents region Description
5	isInActive	tinyint	1	(Default '0')	It represents is InActive status
6	createdAt	datetime	-	Not Null	It represents creation time
7	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: salesorgcompanies

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	readableID	varchar	255	Not Null	It represents readable ID
3	companyName	varchar	255	Not Null	It represents company Name
4	companyWebsite	varchar	255	Not Null	It represents company Website
5	companyType	varchar	255	Not Null	It represents company Type
6	soaID	char	36	Foreign key	It represents soaID

7	dpalID	char	36	Foreign key	It represents dpalID
8	sramID	char	36	Foreign key	It represents sramID
9	sosID	char	36	Foreign key	It represents sosID
10	parentSalesOrgCompanyID	char	36	Foreign key	It represents Parent Sales Org Company ID
11	createdByPerson	char	36	Foreign key	It represents Created By Person value
12	clientPersonID	char	36	Foreign key	It represents Client Person ID
13	isInActive	tinyint	1		It represents Is InActive status
14	Other	json	-		It represents Other values
15	campaignLastAddedOn	datetime	-		It represents campaign Last Added On
16	activeCampaignsCount	int	-	(Default '0')	It represents Active Campaigns Count
17	campaignsToDate	int	-	(Default '0')	It represents Campaigns To Date
18	campaignsInMarket	int	-	(Default '0')	It represents campaigns In Market
19	sosCount	int	-	(Default '0')	It represents Sos Count
20	clientCount	int	-	(Default '0')	It represents Client Count
21	industryID	char	36	Foreign key	It represents Industry ID
22	regionId	char	36	Foreign key	It represents regionId

23	marketed	char	36	Foreign key	It represents readableID
24	createdAt	datetime	-	Not Null	It represents creation time
25	updatedAt	datetime	-	NotNull	It represents last updated time

Table Name: salesorgcompanyaddresses

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	Type	varchar	255	Not Null	It represents address type
3	salesOrgCompanyID	char	36	Foreign Key	It represents sales Org Company ID
4	addressID	char	36	Foreign Key	It represents addressID
5	createdAt	datetime	-	Not Null	It represents creation time
6	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: salesorgcompanypersons

Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Id	char	36	Primary Key	It represents Unique Id
2	Type	varchar	255	Not Null	It represents type
3	salesOrgCompanyID	char	36	Foreign Key	It represents sales Org Company ID
4	personID	char	36	Foreign Key	It represents personID
5	isInactive	tinyint	1		It represents Is InActive

					status
6	createdAt	datetime	-	Not Null	It represents creation time
7	updatedAt	datetime	-	Not Null	It represents last updated time

Table Name: sequelizemeta

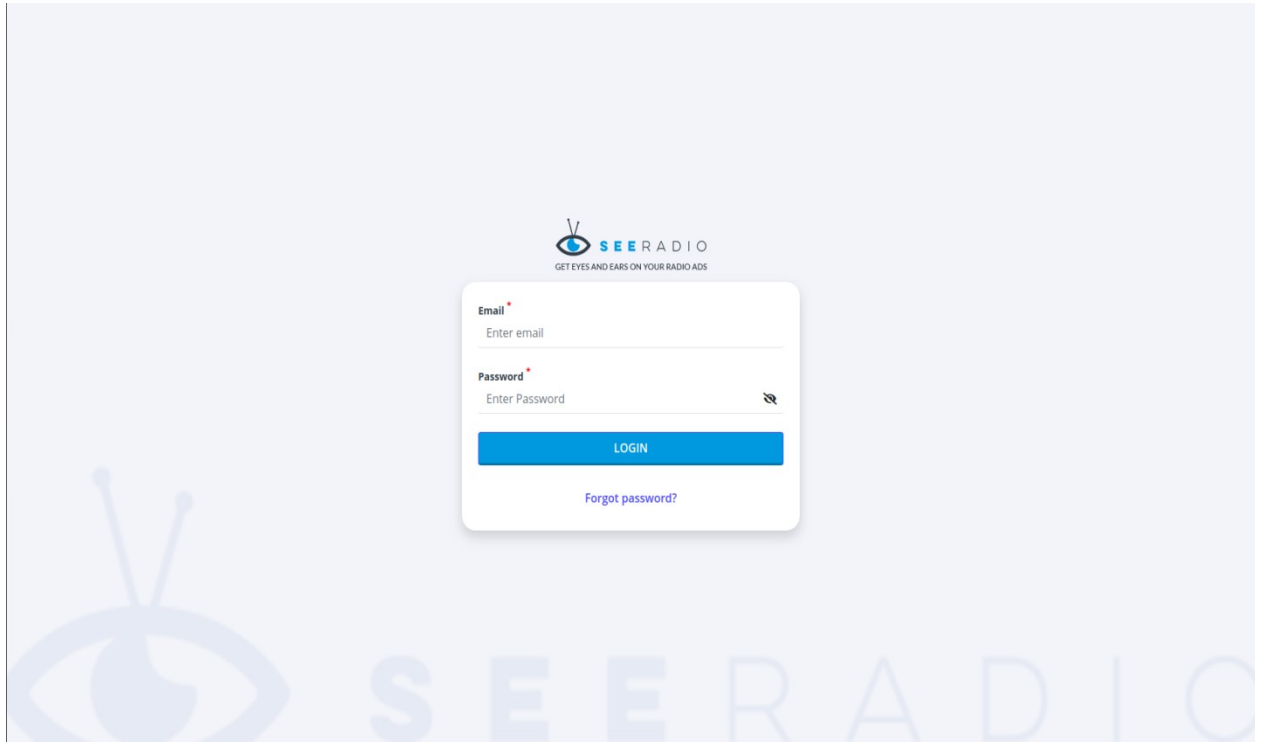
Sr No.	Field Name	Data Type	Size	Constraints	Description
1	Name	varchar	255	Primary Key	It represents name

Table Name: wholesalepricings

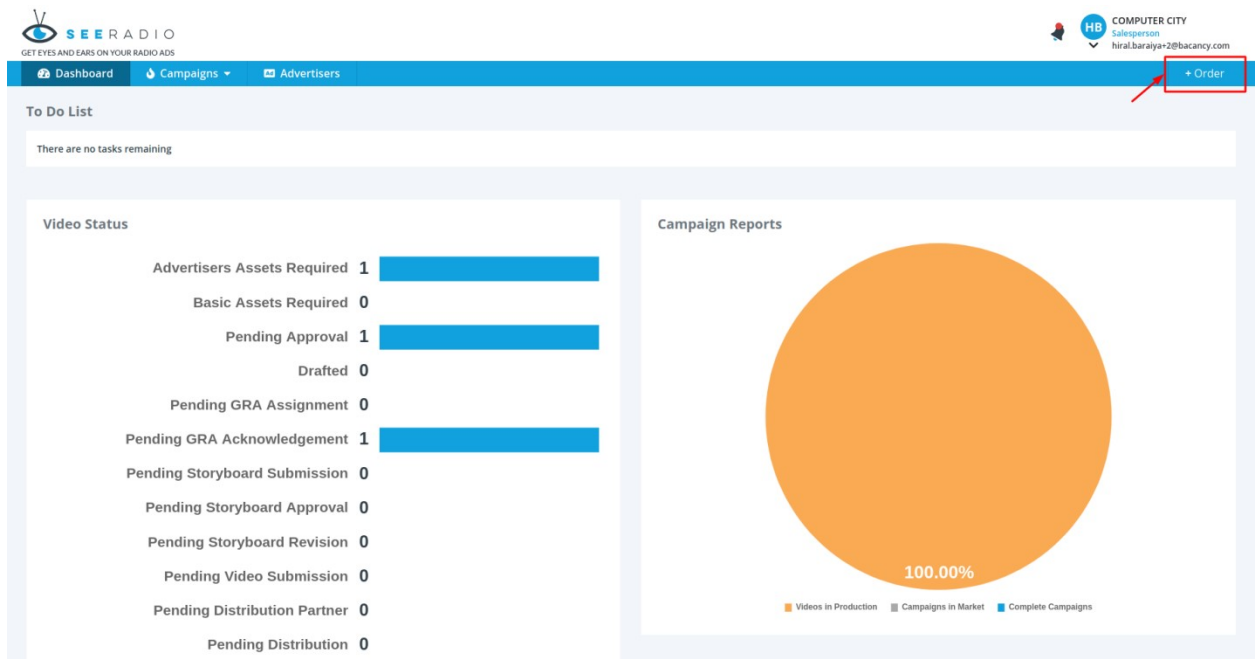
Sr No.	Field Name	Data Type	Size	Constraints	Description
1	id	char	36	Primary Key	It represents Unique Id
2	marketID	char	36	Foreign Key	It represents marketed
3	industryID	char	36	Foreign Key	It represents industryID
4	value	float			It represents value
5	createdAt	datetime	-	Not Null	It represents creation time
6	updatedAt	datetime	-	Not Null	It represents last updated time

Front End Interface:

Login Page



Dashboard



Add Order

SEERADIO
GET EYES AND EARS ON YOUR RADIO ADS

Dashboard Campaigns Advertisers Order

Step 1 Add Advertiser Step 2 Add Order Step 3 Add Assets

Add New Advertiser

Company Name *
Company Name

Company Website Address *
e.g. www.abc.com

Industry Category *
Select...

Primary Contact

First Name *
First Name

Last Name *
Last Name

Email *
Enter email

Phone *
Enter Contact Number

☐ Secondary Contact (Billing - Optional)

Business Address

Address *
Enter Address

Address line 2
Enter Address

City *
Enter City

Country *
Select...

State/Province *
Select...

Postal *
Enter Postal Code

☐ Billing Address (Optional)

Cancel Create Advertiser

Step 2

SEERADIO
GET EYES AND EARS ON YOUR RADIO ADS

Dashboard Campaigns Advertisers Order

Step 1 Add Advertiser Step 2 Add Order Step 3 Add Assets

Add New Orders

Order

Advertiser *
Test Bacancy

Title *
Title

Preferred Landing Page URL *
www.testbacancy.com

Price *
Price

Description *
Description

Distribution

Target Market
Calgary

Budget *
\$0

Back Cancel Create Order

Step 3

SEERADIO
GET EYES AND EARS ON YOUR RADIO ADS

Dashboard Campaigns Advertisers + Order

Step 1 Add Advertiser Step 2 Add Order Step 3 Add Assets

Test

Script File

Drag & Drop Your SCRIPT File Here OR

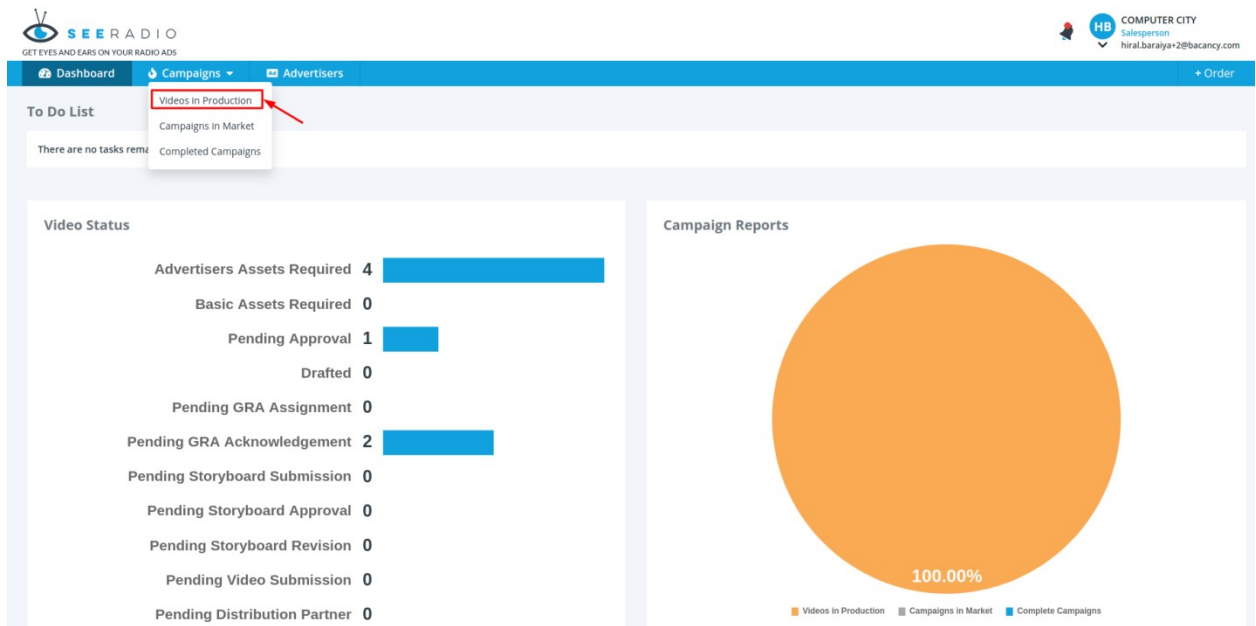
Voice File

Drag & Drop Your AUDIO File Here OR

Advertiser Assets

Drag & Drop Your File Here OR

Videos in Production



Videos in Production						
ID	Title/Details	Advertiser	Action Required By	Next Action Due By	Start	Finish
000...	Test Test	test client	Hiral Baraiya (Advertiser)	23-Feb-2021	Not Selected	Not Selected
000...	test timeline2 gjhg	test client	Hiral Baraiya (Advertiser)	23-Feb-2021	Not Selected	Not Selected
000...	Test Test	Test Bacancy	Test Bacancy (Advertiser)	23-Feb-2021	Not Selected	Not Selected
000...	test timeline gbjhgj	test client	Hiral Baraiya (Advertiser)	23-Feb-2021	Not Selected	Not Selected
000...	second campaign test	test client	Hiral Baraiya (SOA)	15-Feb-2021 Overdue	10-Mar-2021	25-Mar-2021
000...	first campaign test	test client	Hiral Baraiya (SRAM)	15-Feb-2021 Overdue	08-Mar-2021	16-Mar-2021
000...	final test test	test client	Shweta Gra (GRA)	02-Mar-2021	18-Mar-2021	31-Mar-2021
Result Per Page : 10 15 20						
					Prev 1 Next	

Campaign Detail page

Advertiser Test Bacancy	Order Name Test	Order Number 00001-00003-00001	Sales Organization computer city
----------------------------	--------------------	-----------------------------------	-------------------------------------

Status
Advertisers Assets Required

Action required by
Test Bacancy

Next Action Due By
Invalid date

Information

Account Manager Assigned
Hiral Baraiya

Distribution Partner Company Assigned
Not Yet Assigned

Sales Person Assigned
Hiral Baraiya

Graphic Designer Assigned
Not Yet Assigned

Production Progress

Advertisers Assets Required

Download All Assets

Script File

Drag & Drop Your SCRIPT File Here

OR

UPLOAD

Voice File

Drag & Drop Your AUDIO File Here

OR

UPLOAD

Advertiser Assets

Drag & Drop Your File Here

OR

UPLOAD

Advertiser Assets List

File Name	File Upload by	File Uploaded Date	Download
Screenshot from 2021-02-17 18-08-43.png	Hiral Baraiya	23-Feb-2021	Download

Order

Description
Test

Preferred Landing Website URL
www.testbacancy.com

Distribution Budget
\$50.00

Target Market
Calgary

Industry Category
Arts & Entertainment

Order Dates
Not Selected


Download All Assets

Edit

Back

35

Change Password

 **SEERADIO**
GET EYES AND EARS ON YOUR RADIO ADS

Dashboard Campaigns Advertisers

HB COMPUTER CITY
Salesperson
hiral.baraiya-2@bacancy.com

Profile
Change Password
Company Detail
Sign Out

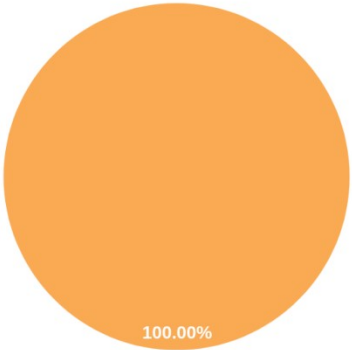
To Do List

There are no tasks remaining

Video Status


Advertisers Assets Required	4	
Basic Assets Required	0	
Pending Approval	1	
Drafted	0	
Pending GRA Assignment	0	
Pending GRA Acknowledgement	2	
Pending Storyboard Submission	0	
Pending Storyboard Approval	0	
Pending Storyboard Revision	0	
Pending Video Submission	0	
Pending Distribution Partner	0	
Pending Distribution	0	

Campaign Reports



100.00%

Videos in Production Campaigns in Market Complete Campaigns

 **SEERADIO**
GET EYES AND EARS ON YOUR RADIO ADS

Dashboard Campaigns Advertisers

HB COMPUTER CITY
Salesperson
hiral.baraiya-2@bacancy.com

+ Order

Current Password *
Enter Current password

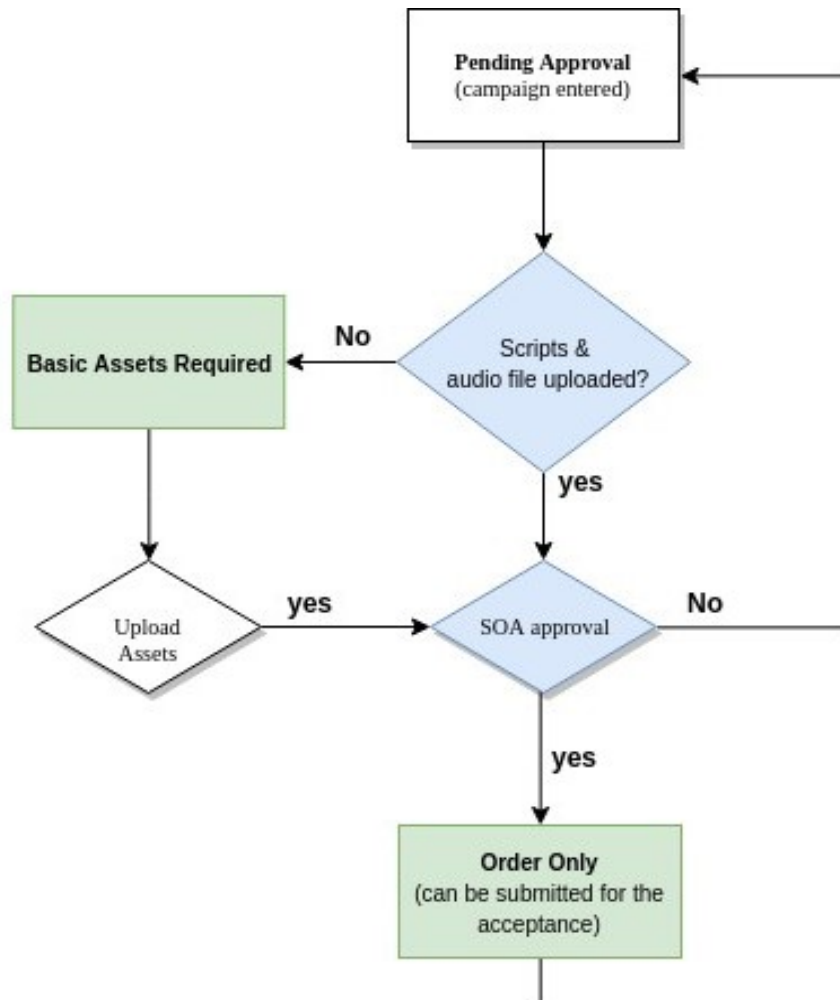
New password *
Enter New Password
Use 8 or more characters with a mix of upperCase, lowerCase, numbers & symbols

Confirm password *
Confirm Password

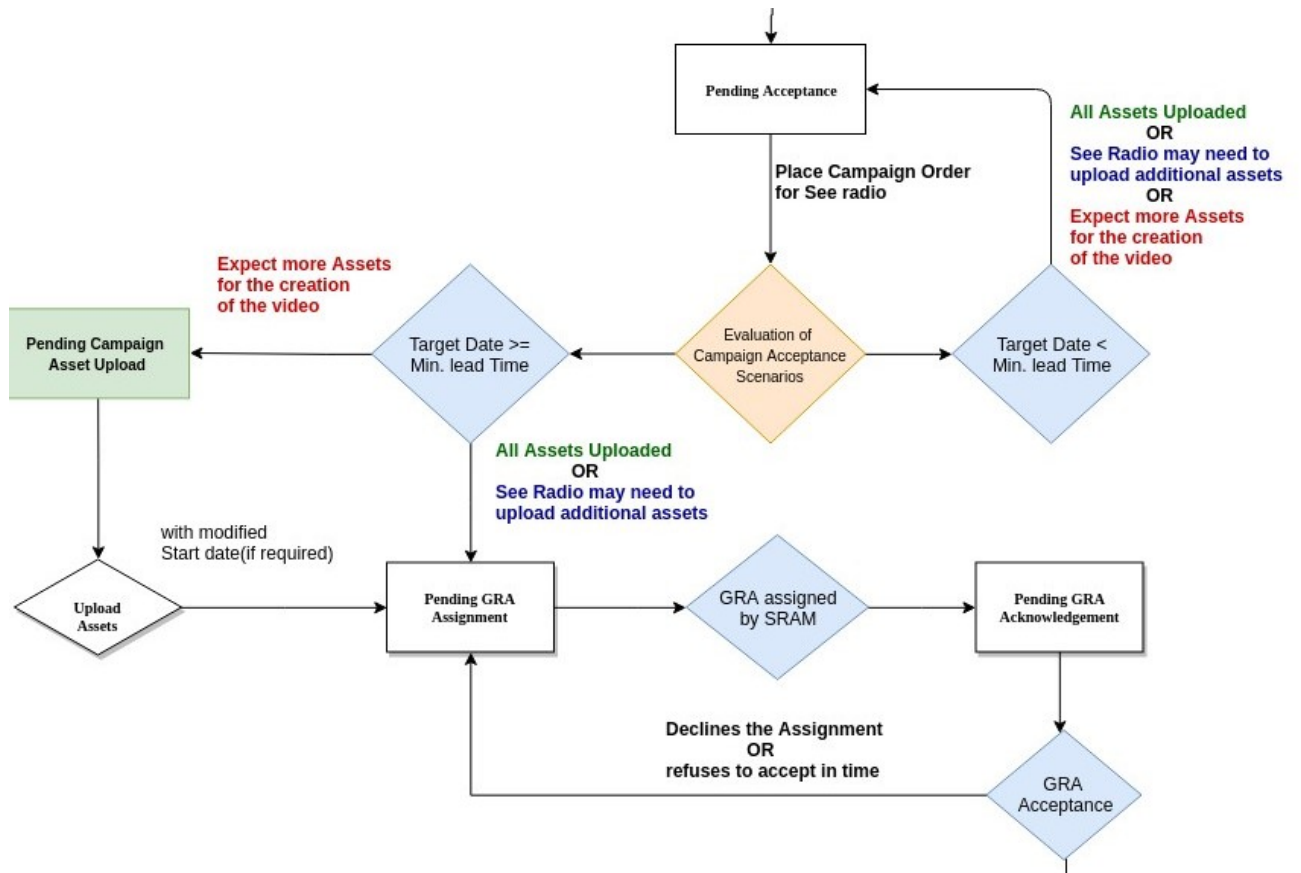
Change Password

Application Navigation

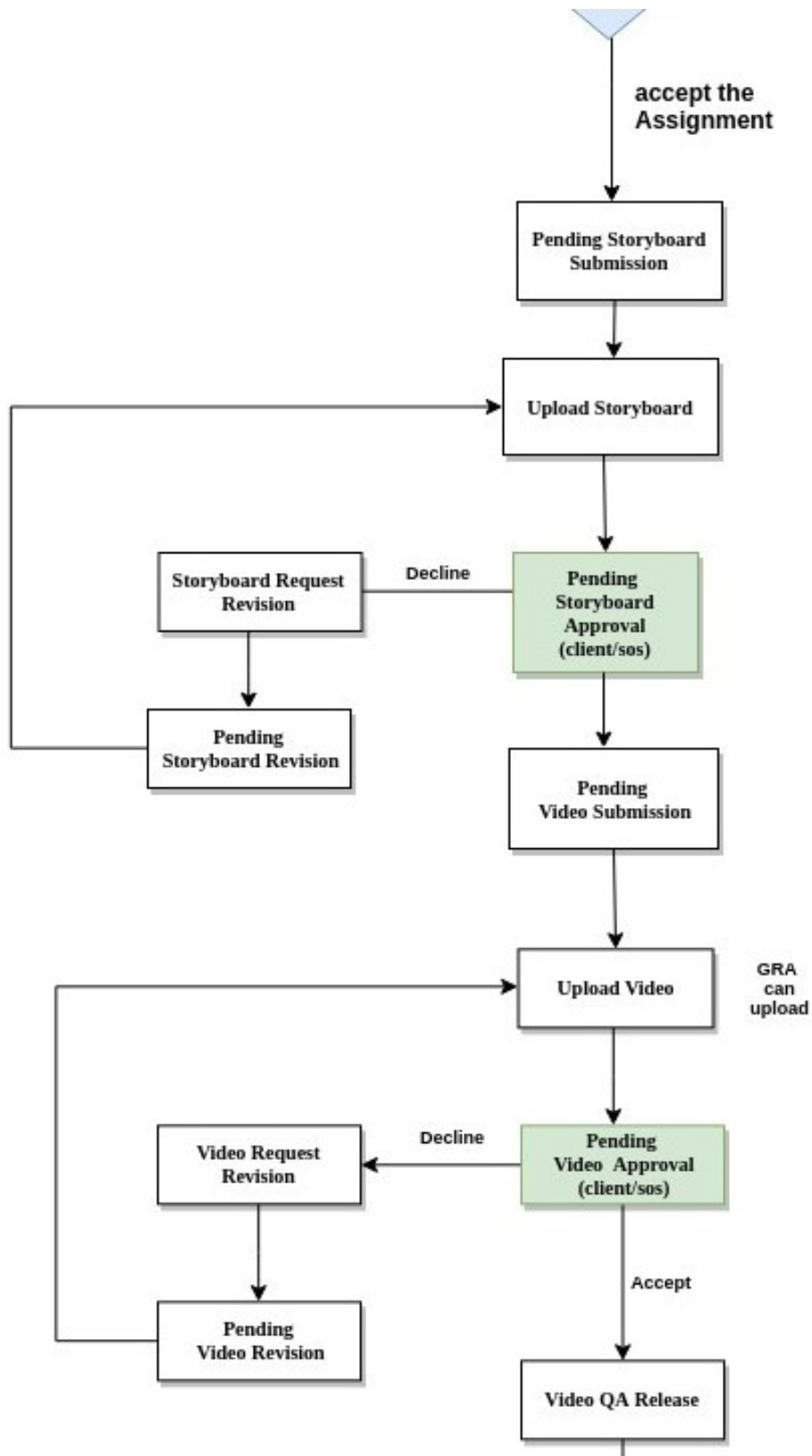
1)



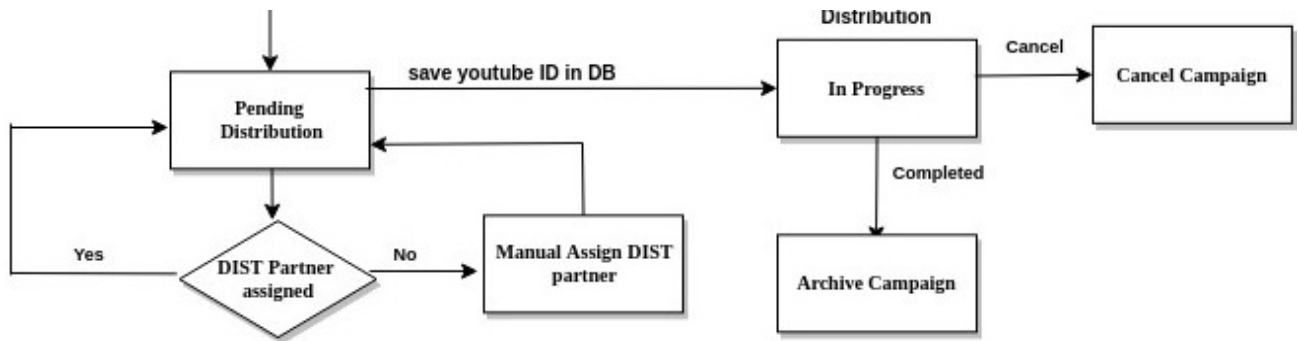
2)



3)



4)

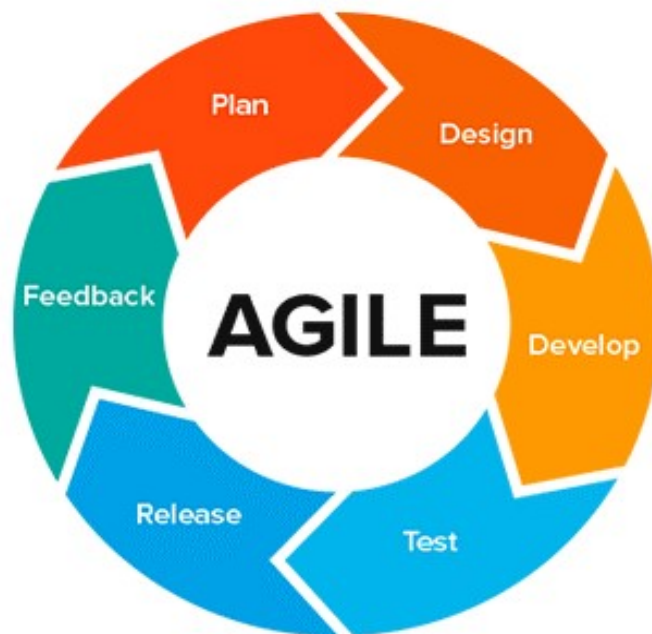


Chapter 5

Implimentation

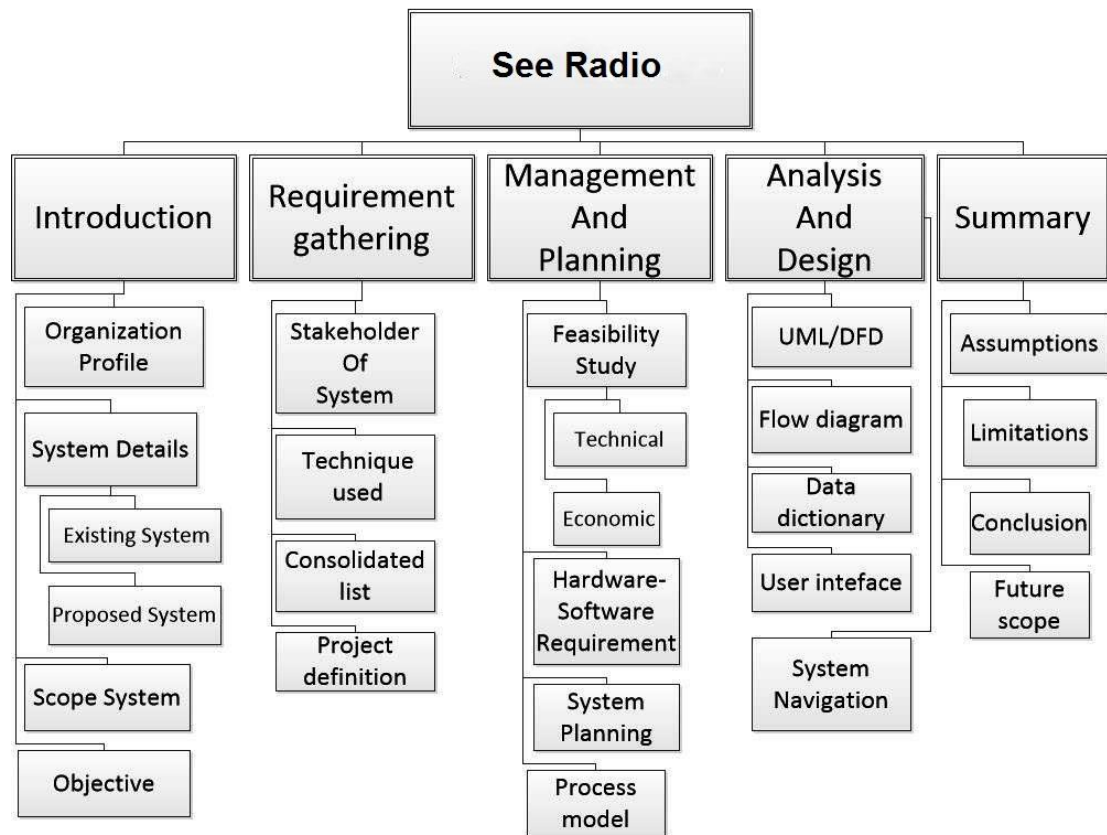
Process Model:

We are using agile methodology as in software development, agile (sometimes written Agile) approaches development requirements and solutions through the collaborative effort of self-organizing and cross-functional teams and their customer(s)/end user(s). It advocates adaptive planning, evolutionary development, early delivery, and continual improvement, and it encourages flexible responses to change.



Agile model structure

Work Breakdown Structure:



Chapter 6

Testing

- The information like email, password, name, address etc.. in test cases are all dummy/temporary data and no relevance to the real data.

Test # 1		
Test Objective:	Add See Radio Administrator – John William	
Prerequisite	None	
Role:	See Radio Administrator	
Credentials:	Login/Email : john@gmail.com Password : 123jdjjsj	
Description:	Add a new See Radio Administrator to See Radio system	
Data:	Here are the details for the new See Radio Administrator	
	First Name:	John
	Last Name:	William
	Email Address:	john.william@gmail.com
	Phone Number:	578-505-1292

	Same as Company	NO
	Address:	
	Address:	1660 N Linden Ave
	Address Line 2:	
	City:	Rialto
	State/Province:	CA
	Country:	-
	Postal:	92376
Expected Result:	<p>The new John William See Radio Administrator account should be created.</p> <p>A confirmation email will be sent to the email account entered for the See Radio Administrator with a temporary password</p> <p>Log in to view the email notification.</p> <p>Use the email address you entered and the password for logging in</p> <p>The new See Radio Administrator account is visible in the Account Listing report</p> <p>Clicking on the name in the Account Listing report should show details for that account which match the details entered above</p>	

Test # 2	
Test Objective:	Add See Radio Account Manager – Denial Smith
Prerequisite	None

Role:	See Radio Administrator	
Credentials:	Login/Email : john@gmail.com Password : 12345678	
Description:	Add a new See Radio Account Manager to the See Radio system	
Data:	Here are the details for the new See Radio Account Manager	
	First Name:	Denial
	Last Name:	Smith
	Email Address:	denialsmith@gmail.com
	Phone Number:	343-566-2035
	Same as Company Address:	YES
Expected Result:	<p>The new See Radio Account Manager account should be created.</p> <p>A confirmation email will be sent to the email address you entered for the See Radio Administrator with a temporary password</p> <p>log in to view the email notification use the email address you entered and the password</p> <p>The new See Radio Account Manager account is visible in the Account Listing report</p> <p>Clicking on the name in the Account Listing report should show details for that account which match the details entered above</p>	

Test # 3		
Test Objective:	New SRA Account – John William - Initial login and change password	
Prerequisite	Successful completion of Test #1	
Role:	See Radio Administrator	
Credentials:	Login/Email : john.william@gmail.com	
	Password : Temporary password provided in the notification email accessible by logging in to the email account using the password	
Description:	Initial login of a new See Radio Account Manager to the See Radio system	
Data:	Here is the new password for the See Radio account	
	New Password:	asAT020@4321w2
Expected Result:	<p>The new See Radio Administrator should successfully change the password and gain access to the See Radio system</p> <p>The new See Radio Administrator account should have access to all administrative options commensurate with the role of See Radio Administrator</p> <p>The new See Radio Account Administrator account is visible in the Account Listing report</p> <p>Clicking on the name in the Account Listing report should show details for that account which match the details entered in Test 1</p>	

Test # 4		
Test Objective:	New SRAM Account – Denial Smith - Initial login and change password	
Prerequisite:	Successful completion of Test #2	
Role:	See Radio Account Manager	
Credentials:	Login/Email : denialsmith@gmail.com Password : Temporary password provided in the notification email accessible by logging in to the email account	
Description:	Initial login of a new See Radio Account Manager to the See Radio system	
Data:	Here is the new password for the See Radio account	
	New Password:	bhTsjd@4021
Expected Result:	<p>The new See Radio Account Manager should successfully change the password and gain access to the See Radio system</p> <p>The new See Radio Account Manager account should have access to all administrative and report options commensurate with the role of See Radio Administrator</p> <p>Log into the system as a See Radio Administrator using the email rancedavid@gmail.com and the password asAT020@4321</p> <ul style="list-style-type: none"> • The new See Radio Account Manager account is visible in the Account Listing report • Clicking on the name in the Account Listing report should show details for that account which match the details entered in Test 2 	

Test # 5		
Test Objective:	Add Region – UK - Germany Beck	
Prerequisite:	Successful completion of Test #3	
Role:	See Radio Administrator	
Credentials:	Login/Email : rancedavid@gmail.com Password : asAT020@4321	
Description:	Add a new Region to the See Radio system	
Data:	Here are the details for the new Region	
	Region:	Germany Beck
	Description:	Mississippi river and Gulf of Mexico
	Country:	UK
Expected	The new Region should be created	
Result:	The Region should be visible in the Region management screen	

Test # 6		
Test Objective:	Add Market – Melbourne VIC	
Prerequisite:	Successful completion of Test #3	
Role:	See Radio Administrator	
Credentials:	Login/Email : rancedavid@gmail.com Password : asAT020@4321	

Description:	Add a new Region to the See Radio system	
Data:	Here are the details for the new Market	
	Region:	Germany Beck
	Market:	Melbourne VIC
	Wholesale Price:	0.20
Expected Result:	<p>The new Market should be created</p> <p>The Market should be visible in the Wholesale Price management screen for the Germany Beck UK Region</p> <p>The Wholesale Price for all industry categories should show UD\$0.20</p>	

Test # 7		
Test Objective:	Add new Sales Organization – M808 FM Inc	
Prerequisite:	Successful completion of Test #3	
Role:	See Radio Account Manager	
Credentials:	Login/Email : billmarsh@gmail.com Password : asAT020@4321	
Description:	Add a new Sales Organization and Sales Organization Administrator to the See Radio system	
Data:	Here are the details for the new Sales Organization	
	Company Name:	M808 FM Inc

	Company Website Address:	www.m808fm.com
	See Radio Account Manager:	Select Bill Marsh
	Market:	Memphis
	Primary Contact - First Name:	Emma
	Primary Contact- Last Name:	Davis
	Primary Contact - Email:	emmadavisSOA@gmail.com
	Primary Contact - Phone:	344-112-4431
	Secondary Contact- First Name:	Devin
	Secondary Contact- Last Name:	Martin
	Secondary Contact - Email	devinmartin@gmail.com
	Secondary Contact - Phone:	455-202-5468
	Business Address – Address:	1019 Sheppard Ave E
	Business Address – Address line 2:	Suite 350
	Business Address – City:	North York
	Business Address - Country:	Canada
	Business Address – Province:	ON M2K
	Business Address - Postal	2X6

	<p>Billing Address</p> <p>Same as Business Address:</p>	yes
Expected Result:	<p>The new Sales Organization should be created</p> <p>The Sales Organization should be visible in the Sales Organization report</p> <p>Clicking on the record in the Sales Organization report should show the details page populated with the information as entered</p> <p>The Sales Organization Administrator account is added to the system</p> <p>A confirmation email will be sent to the email address you entered for the See Radio Administrator with a temporary password</p> <p>log in to view the email notification use the email address you entered and the password</p> <p>Log into the system as a See Radio Administrator using the email rancedavid@gmail.com</p> <p>The new See Radio Account Manager account is visible in the Account Listing report</p> <p>Clicking on the name in the Account Listing report should show details for that account which match the details entered above</p> <p>The Sales Organization Secondary Contact account is added to the system</p> <p>The new Sales Organization Secondary Contact account is visible in the Account Listing report</p> <p>Clicking on the name in the Account Listing report should show details for that account which match the details entered above</p>	

Chapter 7

Conclusion

Limitation:

There are 7 types of different roles that use the See radio system.

There are some steps and information which is heavily dependent on the user's domain knowledge and the user's cooperation with the system's timeline.

When deadlines are not met by users or information given by users is not authentic, the system may produce undesirable results.

Future Scope:

We will add automated analytics of video ads as per client requirement.

Currently we are asking clients for only views and based on that budget is decided so in future we are planning to ask budget and views are decided based on Budget.

Bibliography

<https://reactjs.org/>

<https://www.w3schools.com/>

<https://react-redux.js.org/>

<https://www.javatpoint.com/reactjs-tutorial>

<https://www.react-dropzone.js.org/>

<https://www.getbootstrap.com/>

<https://www.reactstrap.com/>