

Srs spotify

Software Engineering (Lovely Professional University)

SOFTWARE REQUIREMENTS SPECIFICATION

SPOTIFY

Version 81.0 opproved

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1. IMTRODUCTION

La Purposa

This software organizement specification document has been created for the program Spotify which is a musical off used for playing music formats and chiptures.

It is a free able but also come with payed services for playing music without add.

12 Dafinitions and Abbuviations

USIN

is a sever.

Library !-

the collection of tracks inside a directory or across multiple directories froms up a liberry.

Store:

This is the persistence layer of whole rystem.

expecially in a concrete implementation. It is a good of sucommender system.

Tags:- A label attached to track which gives untra

12 Abbusylations

14Scope

The product spotify is an imaginary product that will suffer their listening to streamed music and handle playlists on mobile phones were off-the mode.

which usen dictering to from both offline dibrary which we available in much machine as well as on intentiet.

1-5 Referances

- Enough-com.
- · Guidhush com
- spatify com

2. Overall Descriptions.

2-1 Product Brispective

this registern consents of three component packaged as one deskip

Music Player for playing music from local library

classifier: on the back of present track flaying chamifier well generate reggestions.

The provide on and were intenface. The major logical components one

- · Paylist of music
- · munic Player
- · Search ween
- · Login / sign up page

2.2 Product Function

Using this app were can play drack available in office dibrary. While playing music user can get a list of suggested dracks with one most closely orelated with the present track in them of their singers, orelease year, rating etc Bress track may be present in office and online source.

User can feeform following functions.

- · Play / power / stop / reck, control valume
- · Add trocks / wemove tracks
- · Updatt metodata.
- · but our ommendation.
- · Simple interface
- · Repeat playlist

2.3. Usen characteristics

User group 1: Kids

Herds are consumers in the age 7-17 are very active in traileding and sharing playlets. They might have in traileding and sharing playlets. They might have difficultly understanding English, so default resting and usual writeraction is a must-

Unire group 2 : Adults

playlists for different moder and occassions playlists for different programs whenever new feature are released these groups need so be notified, they will not enjoy discovering things by curriosity

2.4 Operating Environment

System Requirement

- Operation System should be capable of playing music and have any

· Internet connection is required for suggestions and metadata updation. Subtented Vivision

Andotto d.

Android 055.0 crobus

105

108 13 or about

Mac

OSX 10.13 oxabout

Wirdows

windows to about

Perocessor: I giga herz or farter

Ram : 1 (68).

The was player supported with browser

- CHYOML
- . Fire for
- · Edge
- · Opena
- · Sofaci



2.5 Turige and Implementation constraints

- " Uses react and about he could
- *Dates congresses no Abouted as water -
- " then termed a transprountry of the world
- appearance . Louise case and no in wit
- . Date of Birth format ppinely
- brought and facilion

2.6 Assumption and Dependencies

- Assumptions
 - Useres have access to occiliable Internet remice
 - When have assisting spotify accounts.

- Dependencies

- The thost of parties must have a valid spotify Promium
- The 'nost' of parties must be using a non-mobile

2.7 Uses Documentation

week con use the thelp oreganding any query about the weeksite, see take can also ask contact us and go storough. One prequently asked question avaible on the website at the bottom of the front page.

3 External Interface Requirements

3.1 Unn Interface

The Sportly with interfore to repetally during for baking the war in mand. They make more that the war to enumber the spend most of the time to use the register not to Seem thou to use this system. For mobiling it wasy they we the two to case this system. For mobiling it wasy they we the two to case this system. For mobiling of Netfline and those are Sign in and Join for free for a month. So, if a exceptioner is abusely taken a plan than he lake consign in and seajoy the service and if they don't have any plan then they were click on join free for free month and enjoy the service free for amonth.

3.2 Handware Interfaces

the spottify we a well-developed data base for storing huge data amount of data with good algorithm to fetch the data from the database to the week browser of the world.

3.3 - L. Software Indoipaus.

Epotify mune on any operating system having with browner and also have good internet upud. The sportifican man on windows, ics, android mac sets. If the the server has south, then the lake come case the four for electing the besttons and they also clock by mouse and consors. The web component commun

when the appearing the same and the meet compared the descripting the description of the meet compared to describe operation and the meet compared to describe operation and the meeting and modifying the date while the meeting and modifying the date while are made the meeting a total object from the measured of sending a total object from the measured as the meeting a total object from the measured as the displayed on the methods.

3-4 Commission Interjects

makes as they have the good internet speed they can state on their computers, were an enough, were can change their phone varily. They can would anythme from anywhere in the worlds as a sum can watch anywhere. Whenever the own main face anywhere while has to logice their personne of they have already make it. else they have to restricted a plan or they have to join has for menth to listen.

4 Functional Regularment

* 1 Fundional suguirement 1

- liverely from - state of algor up the histogrammet.
- Tripet

Harrier & mall Tit , Contact number and pareword.

* Processing -

Store all the impermation in database and and and and and and and another case on contact resolves.

· Contrat -

trappent a merioge that over is sugester weekfully

4-2 Functional originary 2

* Description -

Ask wer to dogin in health's account

* Input E-mail Ict and paywords

· Perocussing-

Stone all the information in detabase and send a confirmation code on contact number.

Display a musage that signed in nuccessfully and enedited uses to homepage.

4.3 Functional original 3

- · Purcuiption -Sauch option for satisforias.
- * Input -
- System which in database and make query with data . Output Disputy all vertical song clode to were

4-4 Functional Requirement +

- Display long
 - " I repute -
 - System will shock in database for song related to that

All the song restated to that category displayed to mon

4.5 Functional Requirement 5

- · Describition -
- · Input · Click to Down-load button
- System allows the user to download the song
- Display curen download song

4-6- Functional suguirument 6

- Thereticipation Ad a to playlist
- · Input
 click on add to playlit

- Porocessing.
- · Output Display playlist page
- 4.7 Feeb Fundlonal sugainement 7
 - · Description -Subscription page
 - Bank rome, card rame, no . one fine possword.
 - · Prioress -System sames your information from database
 - Display and were surviited with the package
- 4.8. Fundimal sugainement 8.
 - * There righton -Field back
 - · Input -Name . Address . contact - rumber and fredbock
 - · Process -Same feedback into distabase
 - Display Judback submitted meets feelig message

5. Non-Functional Requirement

5-1-1 Revejormance ouquisament

Respondence sugainement 1.

· Description

It were in not giving our porter to subscription package for the amount of time it was insend to thim there the subscription will be unded.

Renformance verquirement 2.

· Duscouption

It song is not these then display audio not found

European guirement 3

· Description

The subscription package will be of I morth or 3

5-2- Attributes

5.2.2.1 Availability

the sportify is available 24 hours a day-

5222 Security

· Users accessibility is consumed in all the ways.
· Users one advised to change their possword on original basis.

5.2.2.3. Software Quality Attributes

· Sicurity.

5.2.2.4 Maintainability

Only maintainers are allowed to add new very to opp

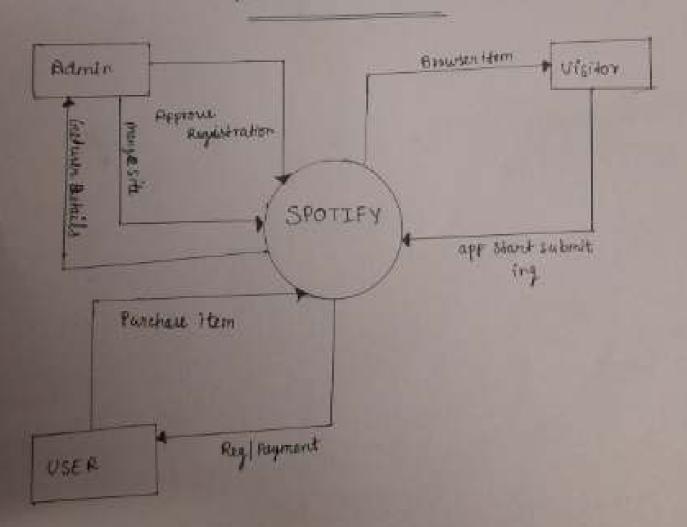
5-2-3 owner orequirements

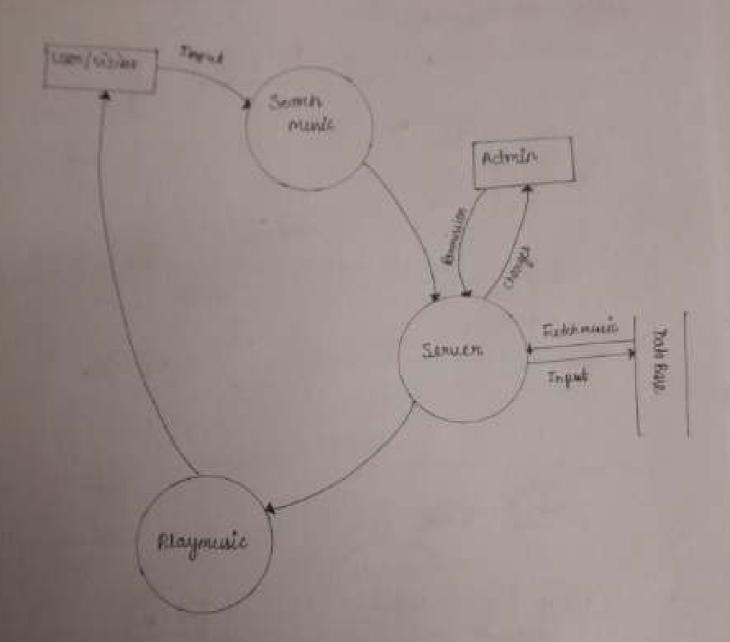
Database

- · Website must while we store unery kind of data means
- · weeksite whould be prequently connectable to database on it must be database servitive

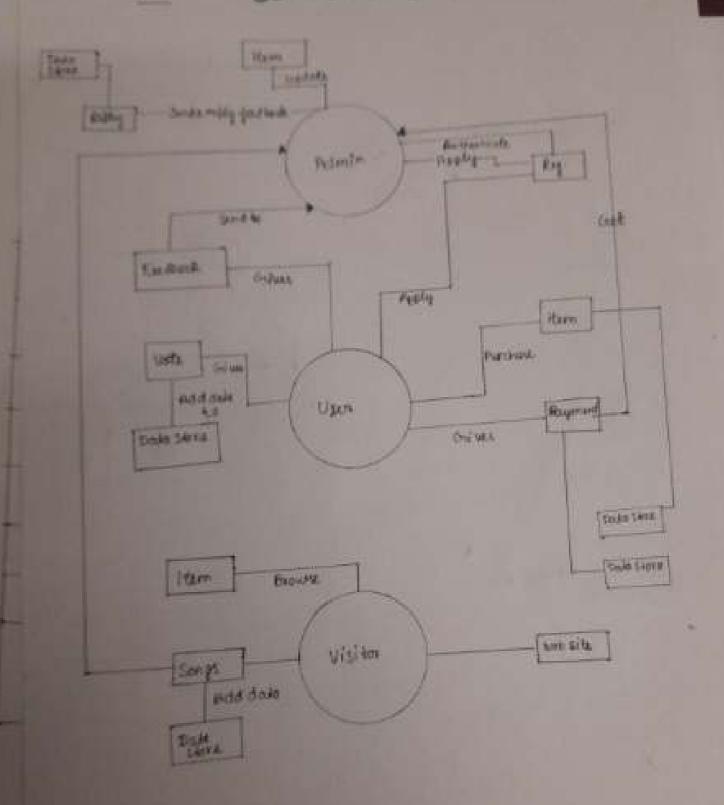
6- DATH FLOW DIRGIRAM

FIRST LEVEL





SECOND LEVEL



Taxte que ## 14

Square Computer Designating & Extraordingh Street by NEXHOREN Stryk

Short Discription : Test the Lugin process

Test case Norme: Legin Subsystem: Spally Exerge Date: States Execution Oate: Steeles

Bue-Condition

The ween those a well untoblished with spotty

1	Salp	Action	Executed system surposes	PassItail	comment
I	1	Enter wer 15	With ID deat box fromto	Post	
I	2.	Exclar Pausword	Parriard feether turn white	POW	
	3	ectien sogin	The screen displays were fully login	Pass	
		check post conditions			

Post Conditions

- me nomen display from page of Spotify

Test cone # 10

System : computer

Dissigned by Richards Jorgh

Executed by the worth Singh

Short Turnithon " Search for songs

Text could have - Song wand

Substation! Specify win

Mentgolate settler

Queartion date 25/9/22

Poct conditions

The course in almeady down to spottly

Sep	Action	Empeded systemsusperse	Pan Fall	Communic
Ţ.	Clickon Starch button	System displays various Song	Paul	V
2.	Choose longs	salace the hong	Fant	
3 ·	c.Lick, next bulkon	registern displays the choosen	Pash	
4.	checkyout			
	condidition 1		1	

Post condition

The cuser will get the imformation about different rough

Test courts : 3

System : Computer

Dailyred by Akstoral Single

Exercited by the stande birgh

start templion Test care for trulying unbroughten gality (pack).

Poce - conditions

The war abready sugestined with a policy. The wen wonter to buy a subscription pack

5.64	Action	Expected System Response	Pan Fail	comment
32	caroken manuabation	System ask to dype sub-	PaM	
2.	the subscription	n System will aisplay worm	us Paw	
3.	Choose Aubstri	- system distally insperme	Hips Pass	
4	chick on buy	Redirect to Pour	mand Pour	

"Cash can have." Buy subscriptors

Sub Syltem & Spolify com

Durighed data 2219122

A mended date: 369 1+3

Park candidion

The someon will cirplay Acknowledgement Paf

Text courts 4

System : competin

Designed by Atohomah Singh Executed by 1 Witchmark Hingh

Short descriptor: Lest core for rearch trialory

Textrau Name: Check history Subsystems Spottly com Bengrata' 2613122 THE CONTRACTOR SO 1/22

Pour condition

The user want to reach history.

The wen is abready negistered to spottify

\$1,550	SAMPLE CO. DESCRIPTION			7,01
Step	Action	Ampeded System Response	Pan/Fail Com	bes
1.	Click on main minu	System display different	Path -	
2-	click on History	system display the history of songs	PaM	
3.	clickon	play the song in	Pan	
4	check part conditions			

Post condition

The were get thistory menu

Test case # 15

System: Computer Designed by ! Alcehometh Singh Executed by : Akahamut Singh Test case Name Rememberious substam : spottify com Design date: 3 / 20/22 Execution data : 3130/22

Short description! Testing of Recomendation interfoce.

Poce condition

The user wants to see precomendation The wer has a valid account

	N		NOZOWIESOWIU	Commence A
Stip	Action	Empected system versports	Pars Fail	comment
1-	Californ Recommendations button	System display the mecomendation interface	Pans	
2-	the reconsin-	select the song were want to play.	Para	
3	check post concluden s			

Post condition

The were get recomendation soff interfore.

Text court: 6

Significant Computer

Davignad by statement Singh

Executed by statement Singh

Short description: Text of concell stabular phone

Tiest care Name ! Terror correct
Subsequentian! specify come

Design Date 4120/22

chareationdate : 6/20/22

Pau -condition:

were absordy from negistered for sportly

	Expect system-response	Pars Fail	compunt
lick on main menu	system duplay different	Pass	
click subjectifition	system displays the subscription details.	Pass	
	urer subscrit	Pan	
	chick on chick poch	chick subscription system displays the subscription details. System displays the subscription details.	mainmonu option system displays the subscription delate. subscription system displays the subscription delate. System display the subscription delate. System display the paracheck post

Post condition

the wer get concilation this

text care # : 3

System; computer

Designed by: Aushorth Singh

Executed by: Atthornal Singh

Short description: Test case for support anigtance.

Task case Name: Subject
Subsystem: Spote fy
Design date: 7/10/=2
Ancentromate: 9/10/22

Poce - condition

The cuser want to unquire

Ship	Action	Empecked System Response	Pout Fail	Communit
1.	click on support button	system worn't the	Padh	
2	Extenguerry	system display the guerry tark for feedback	bow	
31	Enterjeed lock	neutron displays feedback	Pan	
4	cheek pest			

Post condition

The user get solution of query.

Test case # 18

System Computer

Designed data by : Atahamah Singh

Executed by : Akstrompto Single

Short description: Test case for change of account

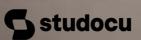
Subsystem Spott fy com Design date: 3/20/22 Luccidion date: 12/10/22

Por - condition

The user have a valid spotify account.

1		NO.	The second secon	Pars Fail	kenment
	Step	Action	Empeded System Response	- 22	10000000
1	7-	clickon my account	Systemolisplay munut	pau	
	2.	Click on account	system disknows account		
	3-	Change Password	system display of parties it	nd' fan	
	4-	rentan ot P	system displays w	exercipal f	aks .
	5.	check post 1 conditions			

Part condition will be sound at database.



Testrone 3

System : computer

Designed by Kilchard Logic

Executed by: with mark high

more description that our for dans Indiana

Substitute atolificam

Substitute atolificam

Design data axistes

Automorphisms data in the last

The words

The war would be described the way

	Action	empeded system Response	Paw Fail	(dinmark)
		system display the	Pam	
10	clicken deumlost butten	system downloaded the seng.	Pass	
	chick pock condition 1			

Post candidion

the cases get the song downloaded in hisper account

Test can # 110 System ! computer Designed by ' Akshamph Lingh Rinecuted by Bushamsh Singh Short description) text care for sdif profile

Test case Name add profile Subsigitors : spolety com Resignate: 45/10/22 suculiondate: 18/10/22

Pose-condition

The user have valid account on spotify

	The Color		COLUMN TO SERVE TO SE	ALL HALL DO F TO
4524	Action	empected system response	Par Fail	[Binners
Stip	Menny	- black cities	Poss	
1.	click on adit profile	System displays were profile		
2.	entendhe name t valid no	System oreate new profile	Post	
3:	chack port condition L			

Post conditions

User get new profile.

