

Software Requirement Specification for College Fest Application

Version 1.0 approved

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17-09-2016

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1. Introduction

Our app '*Festeve*' is an online based college Fest app that helps college students to easily look into it and get to know what all other colleges in India are having thier fest and at what time and date with the online GPS system of the destination of the

festival happening in the country. They can also upload thier college fest info and could even get sponsors online through us.

1.1 Purpose

The purpose of this project is to provide standard specifies requirements on Fest management android application. This standard specifies requirements for the selection of design languages to be used for software design description, and requirements for documenting design viewpoints to be used in organizing a software design description.

1.2 Intended Audience and Reading Suggestions

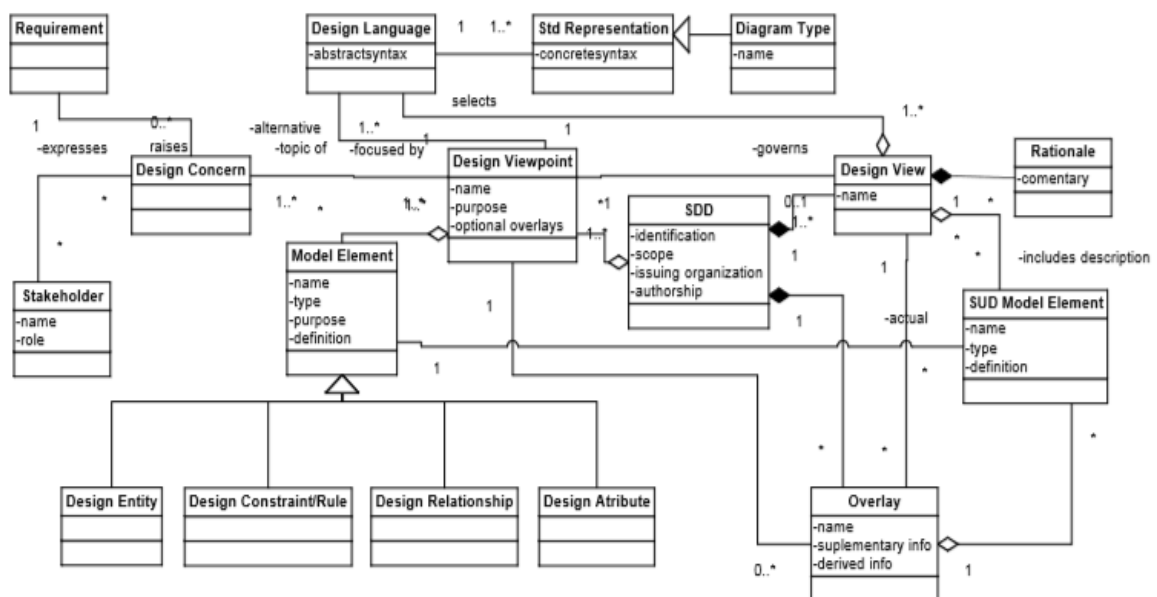
This standard is intended for an academic project which is being implemented under the guidance of Prof. Amit Kumar. This app is useful to all the college students across the country who are interested to take part in fests in various colleges and for the ones who organise it. Also this platform is useful for the sponsors to come to a limelight.

1.3 Reference

None.

2. Overall Description

2.1 Product Perspective



2.2 Product Function

The product Functions on Java based platforms like Android Studio/ Eclipse on designing and programming and NetBeans. Since our project is and android based application.

2.3 Operating Environment

The software on which our application would be runnign on will be Netbeans Java and Android Studio for android related work or on Eclipse for android related applications.

2.4 Design and Implementation Constraints

Designing will be done through using Android Studio or Eclipse as per the convenience of the Designer of our program.

3. External Interface Requirements

3.1 User Interface

The UI's used are your nornal Jbuttons and other Jframes using xml.

4. System Features

Here are the detailed features provided by the application :

4.1 Log In

4.1.1 Description and Priority

The log in feature lets a user to sign up and access all the features.

High Priority

4.1.2 Stimulus/Response Sequences

The user needs to fill in required details for one time sign up like name, phone number and other things. Once the fields are filled, he will be directed to a page for made for registered user having the additional functionalities. Then the user can continue using the app.

4.1.3 Functional Requirements

REQ_ID	NAME	DESCRIPTION
LRQ-1	Input_info	This allows the user to fill in data and info on the required field.
LRQ-2	Verification	Verification to be done on the input field
LRQ-3	Display_error	Display the errors to users
LRQ-4	Display	If successfully signed in, then show acknowledgement.

4.2 Browse

4.2.1 Description and Priority

The browse feature lets a user to query about one or more fest details and lets him browse through the list of fests corresponding to the input entered.

Medium Priority

4.2.2 Stimulus/Response Sequences

The user needs to enter any fest name or college/university name as an input and the app displays the result of the corresponding fest details.

4.2.3 Functional Requirements

REQ_ID	NAME	DESCRIPTION
BRQ-1	Input_string	Fill in the fields required.
BRQ-2	Search_data	Search over the database to find appropriate result
BRQ-3	Display_result	Display the required result to the user.

4.3 View Registered Events

4.3.1 Description and Priority

This feature will keep record of events which are enrolled by the registered users and

will contain all the details about each of those fests.

Low Priority

4.3.2 Stimulus/Response Sequences

The user when selects the option in the side panel to view registered events, he is directed to a page having fest name, college name, his registered event, date, location, and paid amount. He further has an option to withdraw from that particular event.

4.3.3 Functional Requirements

REQ_ID	NAME	DESCRIPTION
VRQ-1	Click_app	The user need to click this option in the side panel of the app.
VRQ-2	Load_page	Fetch all the information related to this user and display it.

4.4 Intrested Events

4.4.1 Description and Priority

The application maintains a separate list displaying all the fests he is interested in so as to make it easy for them to register later and gets notified about it every time he open up the app.

Medium Priority
Benefit : 7/9
Penalty : 1/9
Risk: 2/9
Cost : 0/9

4.4.2 Stimulus/Response Sequences

The user can select the fest he is interested in and click on 'Interested' button provided in-front of the fest name. The action is stored in database and this fest gets added to his list.

4.4.3 Functional Requirements

REQ_ID	NAME	DESCRIPTION
IRQ-1	Click_view	The user need to click this option in the side panel of the app.
IRQ-2	Load_info	Load all the information related to this user and display

		it.
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4.5 User Notifications

4.5.1 Description and Priority

*This feature will notify the registered user about events in which he is interested or he is registered. This feature will also give the notification of the fest which are in nearby areas.
Medium Priority.*

4.5.2 Stimulus/Response Sequences

The system records for the changes in the fests table and then save those changes to the user's notification table. Whenever the user access net then the notification will pour in.

4.5.3 Functional Requirements

REQ_ID	NAME	DESCRIPTION
URQ-1	CC_festbl	Checks continuoulsy for the changes in fests table
URQ-2	Rec_noti	Records the chanes in notifications.
URQ-3	Disp_noti	Displays these notification to the users.

4.6 Register

4.6.1 Description and Priority

The register feature lets a registered user to enroll itself in any event it is interested in.
High Priority

4.6.2 Stimulus/Response Sequences

The user needs to select the fest he is interested in and then click on the register button which will fetch him a form wherein he needs to fill in the required details. These details will be recorded in database and and the new entry will be notified to the fest admin.

4.6.3 Functional Requirements

REQ_ID	NAME	DESCRIPTION
RREQ-1	Sel_eve	select the event he want to

		participate in.
RREQ-2	Click_register	Click register button
RREQ-3	Fill_reg	Displays the registration form to the user
RREQ-4	Ack_reg	Notifies the user that he has successfully completed his registration
RREQ-5	Add_to_list	Added to the registered event list of that user.
RREQ-5	Notif_admin	Notifies the admin about the new registration.

4.7 Withdrawals

4.7.1 Description and Priority

This feature will let user to withdraw his registration from an registered event.

High Priority

4.7.2 Stimulus/Response Sequences

The user needs to select the event in which he is enrolled and then touch the withdrawals button to cancel his registration

4.7.3 Functional Requirements

WRQ_ID	NAME	DESCRIPTION
WRQ-1	Select_Fest	Select the fest/event from which he wants to withdraw his name.
WRQ-2	Click_for_with	Click the withdraw button to cancel it
WRQ-3	Refresh_sys	Display the changes.

4.8 Create Fest

4.8.1 Description and Priority

This feature will let the fest admin to create fests.

High Priority

4.8.2 Stimulus/Response Sequences

The fest admin must hit the create fest button in his side panel. He must then add details about the fests and hit submit button. The admin should also make a registration form for the fest.

4.8.3 Functional Requirements

CRQ_ID	NAME	DESCRIPTION
CRQ-1	Fill_det	Fill he details
CRQ-2	Make_form	The user must make the form applicable for all events of the fest.
CRQ-3	Update_sys	Udate fest table and add to lfest feeds

4. Other non-functional Requirement

Requirement ID	Name	Description
5.1	Performance Requirements	<ul style="list-style-type: none">• We will need Oops concept to develop.• To improve accuracy and reliability, testing must be done at each level of designing.
5.2	Safety Requirements	There are no safety requirements till now.
5.3	Security Requirements	<ul style="list-style-type: none">• User data security is the key point.
5.4	Software Quality Attributes	<ul style="list-style-type: none">• Availability - The software is easily available to all Android Smartphone users.• Accuracy - The software functions accurately.• Reliability - The software

		<p>works efficiently and produce the results satisfying users and so increases reliability of the system.</p> <ul style="list-style-type: none"> • Simple – The software will have easy UI so the users are able to grab the features. • Robust • Usability – The software has a lot to give out and hence has high usability <p>Cost-effective – The software is free to be used by any user.</p>
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7. Other Requirements

Not discovered till now