

# Nishant srs - srs document pdf handwritten

Software Engineering (Lovely Professional University)

EP)	Serial No. Date  ****
	Software Requirement Specifications (SR5) Document
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1.2	Scope: This coill mainly be used by distance education pregnants offered by institutes in order to enable students to get the academic facilities from any computer connected to the internet. This website is designed a way that it can be easily extended to provide more facilities to students to communicate with faculty regarding academics.
1.3	References: IEEE  - IEEE Std 830-1998 IEEE Recommended Practise  for Software Requirement Specification;  Computer Society, 1998.
1.4	Definitions, Acronyms and Abbreviations:
•	LMS - Learning Management system  ILT - Instructor - LED training  ISD - Instructional Systems clesion  SCORM - Sharable Courseware Object reference Model  USI - Unique Student Identifier  DMS - Document Management System
1.5	Overview: The remaining sections of this document provide  a general description, including characteristics of the users of this project, product's hardware and the functional and data requirements of the product.  Greneral description of this project is discussed in Section - 2 of this document. Section 3 gives the  This document is available free of charge on

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	functional requirements and data requirements and constraints and assumptions while designing online learning website - Coursera. It also gives the user view point of product. Section 3 also gives the specific requirement of this product. It also discusses the external interface requirements and give detailed description of functional requirements.  Section 4 is for supporting information.	
2.	Overall Design / Description:	
2.1	1 System Architecture :	
	STUDENT	
	ADMIN SERVER SERVER	
}	FALULTY «	•
2 · 2	Uson Chanacteristics	
<b>⇒</b>	The system will be having 3 roles-faculty, Student & Administratore	
2.2.1	Faculty: This rule enables the user to offer courses, uple lectures, set exams for courses he is offering	bad

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2.2.2	Student: This role enables the user to register for courses, answer tests, view lectures.
2.2.3	Administrator: This role enables the useus ( overte, edit, delete) besides performing other administrative tasks such as monitoring the system operation, editing system configurations etc.
3	Specific Requirements Ave :-
3.1	Functionality:
3.1.1	Introduction: This subsection contains the requirements for an online learning website - Coursera. All there functional requirements can be traced using tractability matrix.  Account features
	J.  . . User selects login option  Output: User prompted to enter email and password  or ## user can continue with it's google accoun
	3.1.1.2
	Triput: Users selects login option and enter password that they already process possess.  Output: System will protect password and other user information and ensure it will not be viewable by others except administrator.
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	Data Flow diagram – Cowisera
	CHECK VALIDITY  VES  CHECK VALIDITY  NO  REGISTRATION  PAGIE
	3.1.1.3  Thout "User Clicks on Edit Profile  Processing Ann Change in the system is confirmed
	email account:  Changes: Profile photo, Employment Status, Occupation, Experience level, field or Major, University  Location, Details about you etc.
*	3.1.2  Course creation, Modification and Deletion
	3.1.2.1  Input: User can explore the courses in the system  and can select search aption  Output: User prompted to enter the keywords
	related to the course.

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4	Greneval Constrainte:-	
4.1	Technology Constraints:	
	Proposed web application will be implemented for front end design purpose & for purpose & for Java DB/ Oxacle	with Java the database
● 4.2	Interface Constraints!	
	Since this is a web based application work on major browsers like internet Mozilla fivefox, Georgle Chrome, Opena etc	so it should explored.
4.3	Safety and Security Constraints:	
	Since application is intended for the cusers only, so anonymous users a be able to access and operate cuser data.	whenticated should not over the
J		

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5.	The system will provide 3 different intogaces to the users based on their roles i.e. student, faculty, admin						
	Student Interface						
	administrator Interface  Data Serve						
	faculty interface						
	e-leaving website						
5-1	Student Interface:						
•	Personal Information - This enables the student to view						
	and modify the user's personal experience.  Access Course Material - This enables the student to see						
X	lectures and download study materials of the course						
•	lectures and download study materials of the course.  Change Password - This enables to students to change						
}	password.						
}							
1							

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ISP	**** *** *** **** **** / / ****
5.2	faculty. Tratantages 1-
3.2	faculty Interface:
۵	Personal Information - This enables the student to view
	and it is a second into
	and monty the word potential to
•	Answer Queves - This will enable the factures
	and modify the user's personal info.  Answer Queries - This will enable the faculties to  view queries of the students and post answers  to the same.
	10.18
	to the same.
•	Greating exams - This enables the factory
	Greating exams - This enables the faculty to create an exam and provide questions and answers.
	, , , , , , , , , , , , , , , , , , , ,
5.3	Administrator Interface!-
	Course Management - This enables an administrator to odd,
•	A del. mandeter courses into
	Student Management - This enables an administrator to
•	Student Management - mis masies and administration
	add delete may work you
•	View feedback - Ins enables are animise.
	view the feedback received from the students
	de describées
	Search Information - This enables an administrator to  access all the info about all the users
•	Search Information - Inis enables an administration to
	access all the info about all the users
8	of the system
·	
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6	Non - Functional	Requirements:	
-	Performance Regi	uirement :-	
	functions	should be able to ope or webbrowsers with all of It should not slow-down peak hows without af service of the eystem.	the system
+	Squiri	6	
<u></u>	Security Requirem	ents :-	
<u> </u>	The server on own security to access	which the E-learning w prevent unauthorized w	ebsite will have it's prite / delete
	The system show by using ad access only is the key re	ld provide a secure log vanced secure login algo to authorized users as quirement of this system.	outhous and provide security
	The user ID shared with an	and password should ne yone (students/faculty	ot be or anyone else)

#### Project Name:

### Test Case Template

Test Designed by: Nishart Samadhar Test Case ID:

Test Designed date: 24 10 2022 Test Priority (Low/Medium/High):

Module Name: Online learning website: Coveregest Executed by: Nishant Samadhan

Test Title: Verify login with valid Id and Test Execution date: 24/10/2022

Description: Lest the libebile login page

User has valed wername and Password Pre-conditions:

Dependencies:

	Test Date	Expected Result	Actual Result	Status (Pass/Fail)
Test Steps	Test Data	a must be all	Password laved	Pass.
ogen to webself	and the man	he lave and	& displaying	
PHOVIDE USEr name	Parluera	display in	in physiologia	-
and passured		paistered.	manager	
LICKON lave		manager	· ·	
	est Steps  ogen to webicte  showids user name and passwerd lickon save	est Steps Test Data	gen to webicte usuname and passivered should be save and diplay in passivered passivered.	est Steps Test Data  ogen to webicte they name and pallward should Password laved  showide user name Parsword becave and a displaying  and password  password  password  password  password  password  password

Post-conditions: User is validated with dotabase and successfully logento account. The account session details are logged in database.

#### Project Name:

Post-conditions:

## **Test Case Template**

Test Case ID: 2	Test Designed by: Nishant Samadhar
Test Priority (Low/Medium/High):	Test Designed date: 01111012022
Module Name: Online learning webiete Courson	gTest Executed by: Nishant Samadhar
Test Title: Ad Search Box.	Test Execution date: 24/10/2022
Description: Test the search Box.	2.0,000

Dependencies: Connected to internet						
Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	
1	lick on search	fetching from	Expected list of	It is showing	Pass	
2	button	database	certail need to be			
3			Shouen			
4						

It terminates to the courses list xu coessfully Downloaded by Anshul Choudhary (anshul2020choudhary@gmail.com)