

SRS of Online Examination System for MGCGV Chitrakoot



Client's Name: - Mahatma Gandhi Chitrakoot Gramoday University, Chitrakoot

Project Manager: - Er. Shubham Mishra

Trainee's Name: -

College Name: -

Enrollment No: -

1) Introduction:-

Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya (MGCGV) is a first rural university at [Chitrakoot](#), [India](#). It has been accredited Grade A by NAAC. It was established on February 12, 1991 by social activist [Bharat Ratna Nanaji Deshmukh](#), by a separate MP Government Act (9, 1991). Named after [Mahatma Gandhi](#) this university aims to provide higher education to people living in [rural areas](#). The university is dedicated for teaching, learning, research and extension. It offers its students and staff members facilities such as a central library, computer center and mess. The campus is fully Wi-Fi.

Gramodaya University's activities in education, research and extension focus on rural development. The university creates human resources, develops appropriate technologies, conducts research and extension in sustainable agricultural techniques for rural livelihood and proper management of rural resources. It also imparts mass education for the awareness of the rural population including women, and supports the exploration of alternative sources of energy.

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An online examination system for students of MGCGV is a web application that establishes a network between the organization and applicants. The organization enters on the site the questions they want in the exam. These questions are displayed as a test to the eligible students. The answers inputted by the applicants are then evaluated and their score is calculated and saved. This score then can be accessed by the Admin to determine the passes students or to evaluate their performance.

The purpose of on-line test simulator is to take online test in an efficient manner and no time wasting for checking the paper. The main objective of on-line test simulator is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.

For students they give papers according to their convenience and time and there is no need of using extra thing like paper, pen etc.

2) Objective:-

We used a combination of surveys, focus groups, and one-on-one interviews to gather information from patients, faculty, and from key personnel at MGCGV University. After gathering requirements we have decided the following aims and objectives of Online Examination System portal:

- 1) To provide anytime Online Access.**
- 2) Knowledge sharing to students.**
- 3) To validate the timing of test.**
- 4) To provide the exam details.**
- 5) Easy for students to use and customize.**
- 6) Event Notification to students.**
- 7) To provide best online exam experience in lowest cost.**
- 8) Easily accessible from any corner of the world if you have internet connection.**
- 9) To calculate result of exams automatically.**

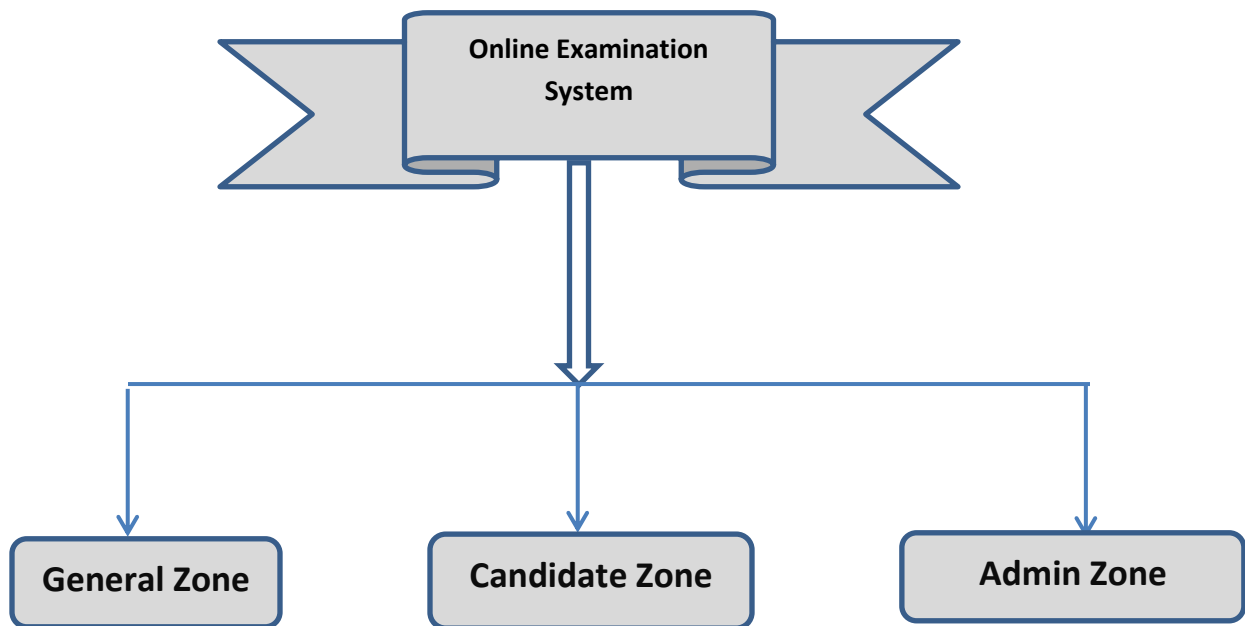
3) Name and Description of Modules:-

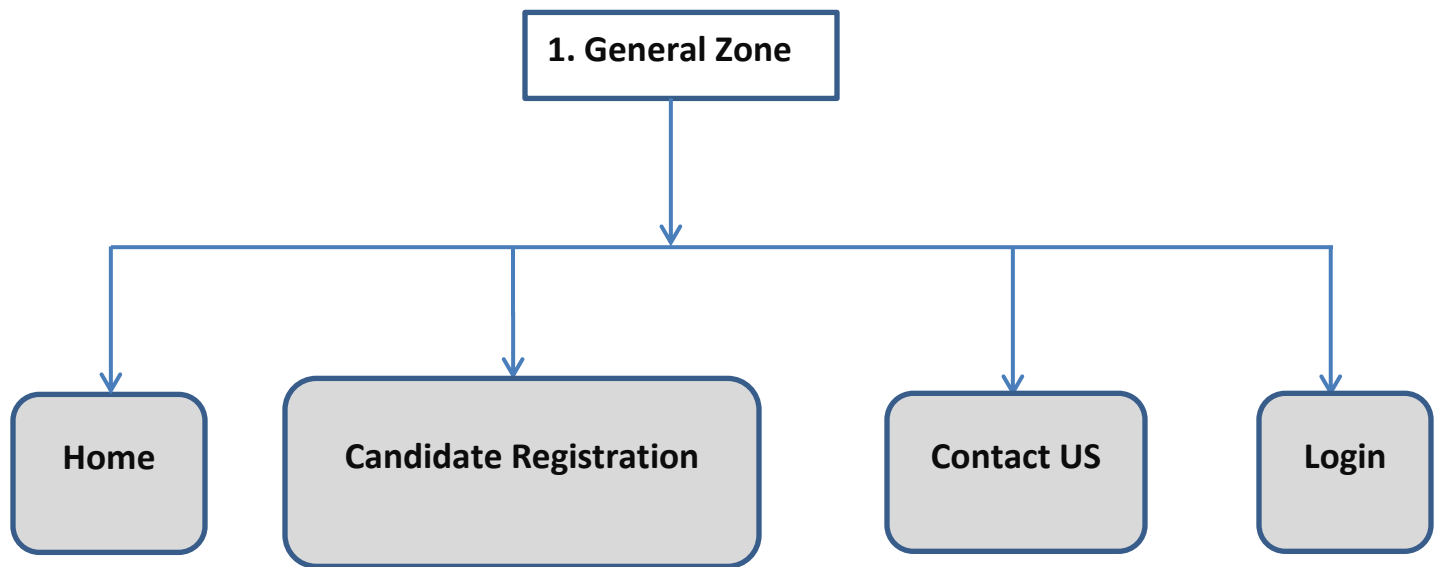
There are 17 main modules in the system which can be sequentially listed as given below:-

1.	Candidate's Registration
2.	Candidates Login & Authentication
3.	Enquiry Management
4.	News & Updates Management
5.	SMS API Integration
6.	Google Map Integration
7.	Live chat API Integration
8.	Admin Login & Authentication
9.	Candidate's Profile Management
10.	Cryptography
11.	Human Detection by using Captcha Code
12.	Forget Password Management
13.	Question Paper Management
14.	Result Management
15.	Expert Searching

16.	Download & Upload Management
17.	Image Gallery

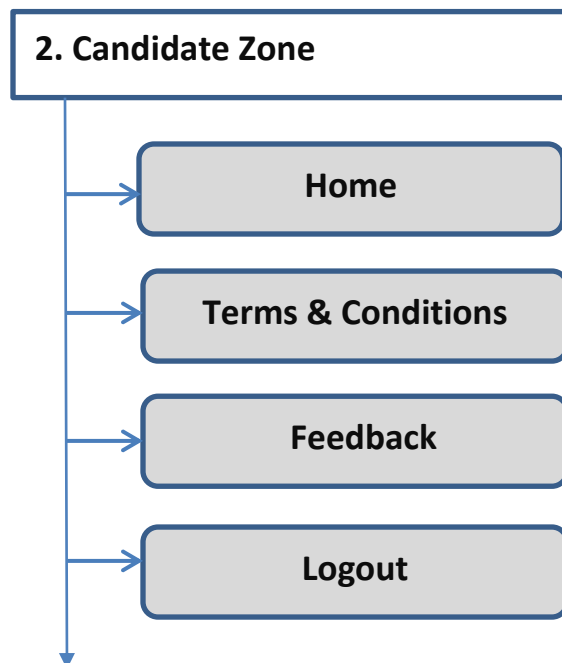
4) Architecture of OES:-

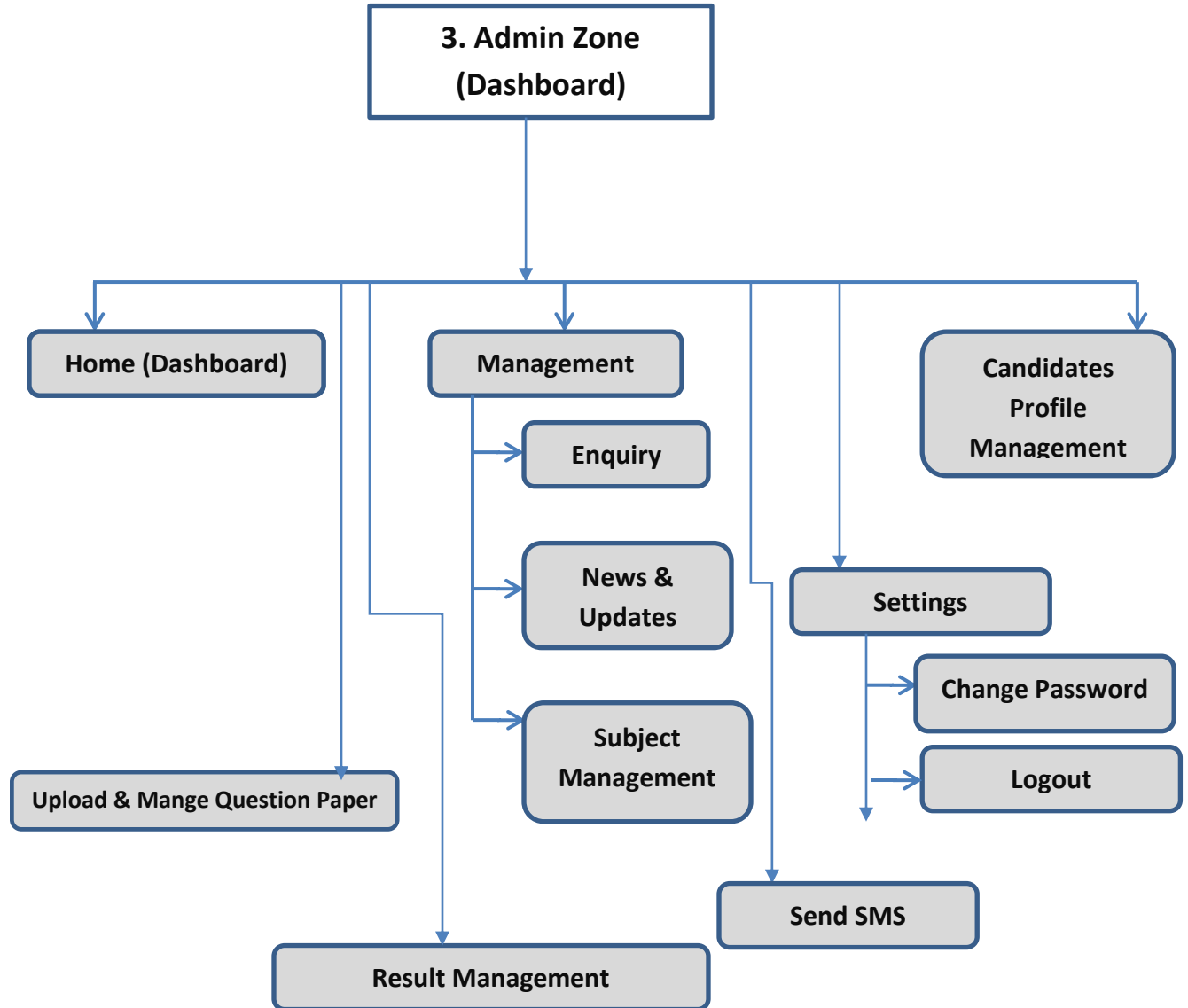




Note:-

Home Page contains a list of dynamic news and a popup box for enquiry form.





Summary of architecture:

1) General zone:

Home: It should contain the name and logo of MGCGV, a unique initiative by KSS. It also contains a light weight slider, menu bar. This home page includes a dynamic updated list of top 5 news and updates.

Candidate Registration: This page contains a registration form with fields-

Candidate Name, Father Name, Gender, Department, Course, Semester, Photo, Email Id, Mobile Number, Password, Confirm Password, Enter Captcha Code

Contact Us: Contact us page includes main two things one is static contact details of MGCGV and another part contains Google map.

Login: This page is used by the students for login into the candidate zone. It should contain following properties: Candidate id, password, forgot password, new user Sign Up here.

- 2) **Candidate zone:** The home page of student, will display list of terms and conditions for online exam. User can start the exam after clicking "I agree" Checkbox. It includes navigation I-con for all pages. In Feedback section student can submit his feedback about exam portal.
- 3) **Admin zone:** The first page of admin should work as a dashboard. Admin is a person, with full authentication. It can block a student. It can add new consultants. Admin can directly view feedback of students and contact query. Admin can manage each and every thing related to that portal.

6) Data Dictionary:-

Table Name 1: Tbl_Login			
COLUMN NAME	DATA TYPE	SIZE	REMARK
User_Id	Varchar	100	Primary Key
Pwd	Varchar	30	
Utype	Varchar	30	

Table Name 2 : Tbl_Enquiry			
COLUMN NAME	DATA TYPE	SIZE	REMARK
EQ_Id	Int		Primary Key(AI)
Name	Varchar	100	
Mobileno	Varchar	20	
Email	Varchar	100	
Message	Varchar	Max	
EQ_Date	Varchar	30	

Table Name 4: Tbl_Notifications			
COLUMN NAME	DATA TYPE	SIZE	REMARK
Notification_Id	int		Primary Key(AI)
Notification_Msg	Varchar	200	
Notification_DT	Varchar	30	

Table Name 3 : Tbl_Feedback			
COLUMN NAME	DATA TYPE	SIZE	REMARK
Feedback_Id	Int		Primary Key(AI)
Candidate_Id	Varchar	100	FK to Candidate Table)
Feeddback_Subject	Varchar	30	
Message	Varchar	MAX	
Feedback_Date	Varchar	30	

Table Name 5: Candidate_Registration			
COLUMN NAME	DATA TYPE	SIZE	REMARK
Name	Varchar	80	
FatherName	Varchar	80	
Gender	Varchar	10	
Department	Varchar	30	
Course	Varchar	30	
Semester	int	30	
Profile_Pic_Path	Varchar	150	
EmailId	Varchar	100	
Mobile_No	Varchar	15	
Date_of_Registration	Varchar	30	

5) Conclusion:-

During extended interviews with students and staff members, we found different processes leading to the successful development and deployment of portals. The portal doesn't have to be expensive. It should support multiple campus goals. It is clear that the functionality of a portal develops over time.

The On line test System is developed latest technologies. It meets the objectives of the system for which it has been developed. The system has reached a steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification.