

Shrimad Rajchandra Institute of Management and Computer Application

Uka Tarsadia University

MCA 2nd Semester

Course Name: Project

Course Code:

Team Number	MCA2_04				
Project Title	Testimonial Collection and Embedding System				
Students guide interaction during	Day	13/02/25	14/02/25		Total Hours per week
	Time Duration	15 min	15 min		30 min
Solution for Problem statements	<ul style="list-style-type: none"> This system will provide a simple yet effective way for individuals and businesses to collect and showcase testimonials with ease. Unstructured Testimonial Collection: <ul style="list-style-type: none"> A dedicated landing page allows for easy submission of testimonials. Lack of Testimonial Management: <ul style="list-style-type: none"> The dashboard provides tools to approve, categorize, and organize testimonials. Users can filter and sort testimonials based on various criteria. Difficulty in Showcasing Testimonials: <ul style="list-style-type: none"> The embeddable widget allows easy integration of testimonials on websites. Customization options ensure testimonials match branding styles. Lack of Social Media Integration: <ul style="list-style-type: none"> Option to import testimonials from LinkedIn, Twitter, and other social platforms. Users can share testimonials on social media with one click. 				
System Need/Objective	Objective: <ul style="list-style-type: none"> The goal of this system is to create an easy-to-use platform that allows users to collect, manage, and embed testimonials efficiently. Businesses, freelancers, and creators can showcase authentic feedback from clients or users in a structured and visually appealing manner. 				

	<p>System Need:</p> <ul style="list-style-type: none"> • Centralized Testimonial Collection: <ul style="list-style-type: none"> ○ Provide users with a simple landing page to collect testimonials from their clients, customers, or users. ○ Allow both text and video testimonials to be submitted. • Dashboard for Testimonial Management: <ul style="list-style-type: none"> ○ Users can view, edit, approve, or delete testimonials. ○ Categorize testimonials based on tags or themes. ○ Filter testimonials based on ratings, type (text/video). • Embeddable Testimonials Widget: <ul style="list-style-type: none"> ○ Generate an embed code for displaying collected testimonials on personal websites, portfolios, or landing pages. • User Authentication and Role Management: <ul style="list-style-type: none"> ○ Allow users to create accounts and manage multiple testimonial pages. ○ Secure login/signup functionality with third-party authentication options. • Simple and Intuitive User Experience: <ul style="list-style-type: none"> ○ Ensure a clean and straightforward interface for both testimonial submitters and collectors. ○ Minimal learning curve for users to collect and display testimonials quickly. • Future Enhancements: <ul style="list-style-type: none"> ○ Social media integrations (import testimonials from LinkedIn, Twitter, etc.).
<p>System Features</p>	<p>Testimonial Collection Features</p> <ul style="list-style-type: none"> • Public Testimonial Submission Page – A dedicated page where users can submit testimonials. • Text & Video Testimonials – Allow both text-based and video submissions. • Star Ratings – Enable users to rate products/services along with their testimonials. • Anonymous Submissions – Option for users to submit testimonials without revealing their identity. • Multiple Input Methods – Users can submit testimonials via text or video upload. <p>Testimonial Management Features</p>

	<ul style="list-style-type: none"> • Admin/User Dashboard – Manage all collected testimonials in one place. • Approval Workflow – Approve, reject, or edit testimonials before publishing. • Categorization – Organize testimonials with categories. • Search & Filtering – Easily find testimonials based on keywords or ratings. • Testimonial Editing – Modify testimonial content if needed. <p>Embeddable Widget & Display Features</p> <ul style="list-style-type: none"> • JavaScript Embed Code – Generate code to embed testimonials on external websites. • Iframe Embed Option – Provide an alternative iframe-based embed for easy integration. • Customizable Themes – Light and dark mode options. • Sorting Options – Sort testimonials by newest, highest rated, or featured. <p>Authentication & User Management</p> <ul style="list-style-type: none"> • User Accounts – Allow users to create and manage their testimonial pages. • Social Login – Enable sign-up via Google, Facebook, or LinkedIn. • Role-Based Access – Different access levels for admins and users. <p>Social Media Integration</p> <ul style="list-style-type: none"> • Import from Social Media – Fetch testimonials from LinkedIn, Twitter, or Google Reviews. • Social Sharing – Share testimonials directly on Facebook, LinkedIn, or Twitter. <p>Analytics & Reporting</p> <ul style="list-style-type: none"> • Testimonial Performance Tracking – View the number of views, clicks, and interactions. • User Engagement Metrics – Analyze which testimonials perform best. • Downloadable Reports – Export testimonial performance reports in PDF or CSV. <p>Notification & Engagement</p>
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	<ul style="list-style-type: none"> • Email Notifications – Notify users when their testimonial is published or needs approval. • Automated Thank You Messages – Send an acknowledgment email after submission.
System Functionalities including reports	<p>Functional Requirements</p> <ul style="list-style-type: none"> • Testimonial Collection: <ul style="list-style-type: none"> ○ Users can submit testimonials via a public landing page. ○ Support for text and video testimonial formats. • Testimonial Management: <ul style="list-style-type: none"> ○ Users can view, edit, approve, or delete testimonials. ○ Testimonials can be categorized and tagged. ○ Search and filtering options for easy access. • Embedding and Display: <ul style="list-style-type: none"> ○ Generate embed codes for websites and portfolios. • User Authentication and Role Management: <ul style="list-style-type: none"> ○ Secure login/signup functionality. ○ Role-based access (admin, editor, viewer). • Social Media Integration: <ul style="list-style-type: none"> ○ Import testimonials from LinkedIn, Twitter, and other platforms. • Reporting and Analytics: <ul style="list-style-type: none"> ○ Track testimonial views, engagement, and interactions. ○ Generate reports on testimonial performance and user engagement. <p>Non-Functional Requirements</p> <ul style="list-style-type: none"> • Scalability: <ul style="list-style-type: none"> ○ The system should support a growing number of users and testimonials. • Performance: <ul style="list-style-type: none"> ○ Optimized queries and caching for fast response times. ○ • User Experience: <ul style="list-style-type: none"> ○ Clean and intuitive interface for both users and administrators. • Extensibility: <ul style="list-style-type: none"> ○ Support future enhancements like AI-based testimonial moderation and advanced analytics

System Scope	Testimonial Collection and Embedding System Scope <p>The system will cater to a diverse range of users, including freelancers, businesses, and organizations, by providing a structured way to collect, manage, and display testimonials.</p> <p>For Testimonial Space Owners (Users who create testimonial pages):</p> <ul style="list-style-type: none"> • Ability to create and customize testimonial collection pages. • Manage collected testimonials with approval, rejection, and categorization features. • Embed testimonials on websites, portfolios, and business pages. <p>For Visitors (Users submitting testimonials):</p> <ul style="list-style-type: none"> • Submit testimonials via a public submission page. • Provide ratings and upload video/text-based testimonials. <p>For Admins (Platform Administrators):</p> <ul style="list-style-type: none"> • Monitor platform-wide testimonial submissions to prevent abuse. • Handle reported testimonials. • Oversee platform analytics and reporting features.
System Limitations	<ul style="list-style-type: none"> • Internet Dependency: Requires a stable internet connection to access and submit testimonials. • Initial Limited Customization: Basic embed customization options, with advanced styling available in future updates. • No AI-Based Sentiment Analysis (Yet): Manual approval is required; future versions may include automated moderation.
System Development Approach (System Development Flow)	<p>1.Incremental Model</p> <p>2. Tools & Technologies</p> <ul style="list-style-type: none"> • Version Control: GitHub & Git • Collaboration & Communication: Discord • Development Stack: <ul style="list-style-type: none"> • Frontend : React.js , javascript • Backend :MongoDB, Express.js, Node.js

Declaration

We hereby declare that we have read the guidelines uploaded on the website for the above said course and we shall follow those guidelines. We will not change the above-given details for the entire semester. I/We have chosen our team members by myself/ourselves. So, I/we will be responsible for team dispute, if any, during entire semester, which I/we will resolve by myself/ourselves.

We are well aware that project work must be prepared by the team members and must not be copied and (or) paid one. We acknowledge that the Institute has the authority for taking punitive actions against me for violation and/or non-compliance of the same.

Enrolment Number	Name	Signature
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Team members were made aware by me regarding plagiarism and its consequences.

Guide Name	Ms. Bhumika Desai
Signature	

Date:

Place: