**SURVEY FORM**

### A MINI PROJECT REPORT

#### Submitted by

#### G22/T08

**Dhruv Sood: - 2210990279**

**Dhruv Walia: - 2210990280**

**Diksha: - 2210990282**

**Yashika: - 2210990977**

in partial fulfillment for the award of the degree of

## BACHELOR OF ENGINEERING

***in***

COMPUTER SCIENCE & ENGINEERING

****

**CHITKARA UNIVERSITY**

**CHANDIGARH-PATIALA NATIONAL HIGHWAY**

**RAJPURA (PATIALA) PUNJAB-140401 (INDIA)**

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###### **INTRODUCTION** *(Abstract)*

1. A Note log list is a list of tasks that need to be completed, typically organized in order of
2. priority. It is one of the simplest solutions for task management and provides a
3. minimal and elegant way for managing tasks a person wishes to accomplish.
4. Our aim is to design a simple and elegant website for people to keep a track of the
5. status of their tasks. Making a Note log list is an easy and important task that everyone
6. should do. The immense satisfaction that one gets when completing the task and
7. marking it on the list are incomparable. Moreover, creating a list of tasks ensure you
8. don’t miss out on anything. It’s a scientific fact that when you write the tasks that you
9. need to complete, you are even more motivated to complete it. With this in mind, we
10. come to build a platform which will help people create their own task list.
11. With the help of modern tools and technologies, we strive to build a minimal and
12. efficient Note log list which minimizes distractions and helps people achieve task
13. management with ease and without hassl

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Survey forms serve as powerful instruments for collecting data from individuals, groups, or populations. They offer a structured approach to gathering information, allowing researchers to analyze trends, make informed decisions, and shape strategies. By employing survey forms, organizations and researchers can obtain quantitative and qualitative data on a wide range of topics, including opinions, preferences, behaviors, and demographics.

Designing effective survey forms is crucial to ensure accurate and reliable data collection. Several design principles should be considered. Firstly, the language used in survey forms should be clear and concise, enabling respondents to understand the questions easily. Additionally, the survey should be logically organized, guiding respondents through a coherent flow of questions. Careful consideration should also be given to the types of questions employed, balancing closed-ended (multiple-choice) and open-ended (text-based) questions to gather both structured and in-depth insights. Furthermore, the length of the survey should be kept concise to mitigate respondent fatigue and increase response rates. Finally, rigorous testing and validation should be conducted to ensure the reliability and validity of the survey form.

The impact of survey forms extends beyond the realm of data collection. In market research, survey forms enable organizations to understand customer needs, preferences, and satisfaction levels. This data empowers businesses to develop products, tailor marketing strategies, and enhance customer experiences. In the social sciences, survey forms provide valuable insights into societal issues, public sentiment, and the impact of policies. This knowledge drives evidence-based decision-making, informing interventions and programs aimed at improving the well-being of individuals and communities. Moreover, survey forms play a vital role in political analysis and public opinion polls, helping to gauge voter preferences, evaluate political campaigns, and measure satisfaction with governance.

1. **PROBLEM STATEMENT**

A survey form, also known as a questionnaire or survey questionnaire, is a structured tool used to collect information and data from individuals, groups, or populations. It consists of a series of questions designed to gather specific information about a particular topic or research area. Survey forms can be administered in various formats, including paper-based forms, online surveys, or computer-assisted interviews.

The purpose of a survey form is to collect data that can be analyzed and used to gain insights, make informed decisions, and inform strategies or policies. The questions in a survey form can cover a wide range of topics, such as demographic information, opinions, preferences, behaviors, experiences, or satisfaction levels.

Survey forms can employ different types of questions, including closed-ended questions (e.g., multiple-choice, rating scales) and open-ended questions (e.g., text-based responses). Closed-ended questions provide respondents with pre-defined response options, allowing for quantitative analysis and easy comparison of results. Open-ended questions, on the other hand, allow respondents to provide detailed and subjective responses, enabling qualitative analysis and capturing nuanced insights.

**3. TECHNICAL DETAILS**

**The Front-End technologies that are used to implement this project are:**

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The Hypertext Markup Language or HTML is standard markup language for documents designed to be displayed in a web browser

* 1. **HTML-**

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Use of HTML in project:

1. <html> represents the root of an HTML document.
2. <head> represents a collection of metadata for doc.
3. <meta> represents various kinds of metadata that can’t be expressed using title, base, link, style.
4. <title> represents document’s title or name
5. <link> allows authors to link their documents to other resources.
6. <body> represents contents of the documents.
7. <h1> represents a section heading
8. <style> allows for quick styling using CSS
9. <div> element is the generic container for flow content.

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CSS or cascading style sheets is used for styling and formatting HTML documents. It is used to define styles for HTML elements such as fonts, colors, spacing and layout.

**3.2 CSS -**

Use of CSS in project:

1. Inline and internal css has been used to give a proper layout to our website.
2. In adjustment of size and margin of images used using background-size, overflow, height, width, background-size, background-position, margin and more.
3. created an add bar and designed it in such a way that we are able to add our day-to-day task and also, we created an add button using div in html.
4. Horizontal bar containing **All, Completed and Not Completed tasks** and used different font colors and font style.
5. created sticky notes and gave them a proper background image to it by adjusting it's size, margin, width, height, content, color,flex using css.
   1. **JavaScript -**

JavaScript is a widely used programming language for web development, enabling interactive and dynamic functionality on websites. It runs on the client-side and has a vast ecosystem of tools and libraries for efficient coding.

**Use of JavaScript in project:**

1. To store form data in database, which is created and maintained in google sheets .

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Description automatically generated**3.3 VS CODE-**

Visual studio code is a free and open-source code editor developed by Microsoft and is designed for building and debugging web and cloud applications.

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**4. KEY FEATURES**

**Clear and Concise Questions:** Survey forms should have questions that are easy to understand and provide clear response options.

**Logical Organization:** The survey form should be organized in a logical and coherent manner, with a flow that guides respondents through the questions.

**Variety of Question Types:** A mix of closed-ended (multiple-choice) and open-ended (text-based) questions should be used to gather both quantitative and qualitative data.

**Optimal Length:** The survey form should be of an appropriate length, keeping it concise to prevent respondent fatigue and attrition.

**Testing and Validation:** Rigorous testing and validation of the survey form should be conducted to ensure its reliability, validity, and effectiveness in collecting accurate data.

**5. PROJECT ADVANTAGES**

1. **Efficient and Structured Data Collection :** Survey forms provide a systematic and structured approach to collecting data. With pre-defined questions and response options, survey forms ensure consistency in data collection, making it easier to analyze and compare results. This efficiency saves time and resources compared to conducting interviews or collecting data through other means.
2. **Wide Reach and Accessibility :** Survey forms can be distributed and administered to a large number of respondents, allowing for a wide reach and diverse representation. With the advent of online survey platforms, it has become even easier to reach a broader audience, including individuals from different geographical locations or demographics. This accessibility enhances the representativeness of the collected data.
3. **Quantitative and Qualitative Insights :** Survey forms can incorporate both closed-ended and open-ended questions, enabling the collection of both quantitative and qualitative data. Closed-ended questions provide structured and easily analyzable data, while open-ended questions allow respondents to provide detailed responses, capturing their perspectives and experiences. This combination of data types offers a comprehensive understanding of the research area.

**6. Conclusion with Future scope**

**Advanced Technologies :** Future survey form projects can explore the integration of advanced technologies such as artificial intelligence (AI) and natural language processing (NLP) to automate data analysis and provide real-time assistance to participants.

**Mobile Optimization :** Optimizing survey forms for mobile platforms ensures a seamless user experience and expands the reach and accessibility of data collection efforts.

**Interactive and Multimedia Elements :** Integrating interactive and multimedia elements within survey forms, such as visual aids, videos, and interactive question formats, enhances participant engagement and improves data quality.

**Integration with Big Data Analytics :** By integrating survey data with big data analytics tools, survey form projects can uncover hidden patterns, correlations, and predictive insights that contribute to more comprehensive research findings.

**Personalization and Adaptive Surveys :** Future survey form projects can focus on creating personalized and adaptive survey experiences, tailoring survey content based on respondent characteristics or previous responses to increase relevance and engagement.

**7. REFERENCES**

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