

# DAYANANDA SAGAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
SCHOOL OF ENGINEERING  
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## MINI PROJECT REPORT

*ON*

## "SURVEY FORM"

SUBMITTED TO THE VII<sup>th</sup> SEMESTER WEB DEVELOPMENT  
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BACHELOR OF TECHNOLOGY

*IN*

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# INTRODUCTION

Surveys are a method of gathering information from individuals. Surveys have a variety of purposes, and can be conducted in many ways. Surveys may be conducted to gather information through a printed questionnaire, over the telephone, by mail, in person, by diskette, or on the web. This information is collected through use of standardized procedures so that every participant is asked the same questions in the same way. It involves asking people for information in some structured format. Depending on what is being analyzed, the participants being surveyed may be representing themselves, their employer, or some organization to which they belong. Thus through web development we aim to create survey forms which can be shared across a large crowd easily and the survey can be conducted on time and with less efforts, thereby analyzing the information collected in a standardized way.

## PROBLEM STATEMENT

Surveys can be conducted in many ways, through mail, telephone, printed questionnaire, web and many. In a situation like today where the pandemic has become a really huge problem, we all need a way that is convenient and easy that will meet all our needs. Thus through web forms can be created and shared easily and the overall analysis can be conducted automatically without the usage of manpower.

## OPERATIONAL DEFINITION

Surveys are used to increase knowledge in fields such as social research and demography. Survey research is often used to assess thoughts, opinions, and feelings. Surveys can be specific and limited, or they can have more global, widespread goals.

## SCOPE OF THE PROJECT

The scope of a study explains the extent to which the research area will be explored in the work and specifies the parameters within the study will be operating. Basically, this means that you will have to define what the study is going to cover and what it is focusing on.

## EXISTING SYSTEM

While surveys are generally identified with human populations (for example, opinion polls, consumer surveys, demographic and economic surveys), surveys of other types of populations (such as geological surveys and administrative records) are also common.

## CURRENT ISSUES/PROBLEMS IN THE EXISTING SYSTEM

The reliability of survey data may depend on the following factors: Respondents may not feel encouraged to provide accurate, honest answers. Survey question answer options could lead to unclear data because certain answer options may be interpreted differently by respondents.

## PROPOSED SOLUTION

A great online survey provides you with clear, reliable, actionable insight to inform your decision-making. Great surveys have higher response rates, higher quality data and are easy to fill out.

## SOFTWARE REQUIREMENTS

- Microsoft windows or Linux is supported.
- Java 1.6 or newer installed
- A web server with a Servlet/JSP container, conforming to the servlet 2.3 specifications or newer
- A database system.
- A web browser

## HARDWARE REQUIREMENTS

- 1 GB memory (2 GB or more recommended)
- 85 MB disk space for Opinio initially, and more as usage grows. Reports and uploaded files (images, stylesheets, templates) will also require disk space.
- 10 MB disk space (or more) for the database. This will vary depending on the database system used, and will require more with many surveys/responses.
- Other hardware requirements depends on usage. With high volume surveys, a fast processor and disk may improve scalability.

## POSSIBLE OUTCOMES

Therefore using this type of a research method for collecting data from a predefined group of respondents, we can gain information and insights into various types of interest.