**SYSTEM ANALYSIS**

* **INTRODUCTION**

System analysis refers to analyzing the project hardware and software requirements. It is

often done for Diagnostic or troubleshooting purposes. running a system analysis can also be

helpful when determining if the project means all the desired requirements.

* **SYSTEM USED AND ITS ADVANTAGES:**

The developed application is very simple and easy to handle and the user can view all the

details about the hospitals and check whether he has brain tumor or not which makes it easy for

the user to make a quick decision. Scope limitations are restricted in some of the hospitals which

can be displayed clearly and the patients or the users can book the appointment date and time slots

as per their availability and can also provide their details prior. Everything is available at the

fingertips for the user with minimal selections.

The application gain popularity not only by the way it looks but also the way it feels and

our project makes the most use of it, since it is based on Convolutional Deep Learning Neural

Networks.

The proposed system has following advantages:

* Displaying of the information and highlighting the key points which makes the

huge difference with other websites.

* To serve the patient with best possible quality and maximum facilities with less price
* Ensures user satisfaction.
* **OBJECTIVES**

A platform for the Brain tumor detection using Convolutional Neural Networks has the

following objectives:

* To serve its users with best possible quality and provide the maximum facilities with

less price.

* To serve and take well care of our user/patient.
* Ensure user satisfaction.
* **COST BENEFIT ANALYSIS**

15 Cost Benefit Analysis can be explained as a procedure for estimating all costs involved and possible profits to be derived from a business opportunity or proposal. It takes into account both quantitative and qualitative factors for analysis of the value for money for a particular project or investment opportunity. Benefits to costs ratio and other indicators are used to conduct such analyses. The objective is to ascertain the soundness of any investment opportunity and provide a basis for making comparisons with other such proposals. All positives and negatives of the project are first quantified in monetary terms and then adjusted for their time-value to obtain correct estimates for conduct of cost-benefit analysis. Most economists also account for opportunity costs of the investment in the project to get the costs involved. In the economic feasibility, the development cost of creating the system is evaluated against the ultimate benefit derived from the new systems. Financial benefits must equal or exceed the costs. The system is economically feasible because it does not require any addition hardware or software resources. Since the interface for this system is developed using the existing resources and technologies that are available, there is a nominal expenditure and it is economically feasible.