Indian Institute of Information Technology, Vadodara

College HR Management and Payroll System

Feasibility Study

CS301 Software Engineering Project – Autumn 2015

team #02 - ninEngineers

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Abhijit Singh Panwar	v1.0	24th September 2015
Shalinee Singh	v1.1	17th October 2015

Feasibility Study

We have analyzed the feasibility of the system in terms of following spans:

1. Technical Feasibility
2. Operational Feasibility
3. Economical Feasibility
4. Scheduled Feasibility

2.1 Technical Feasibility: The development process of Payroll Management System would be advantageous to the organization because we would make use of only the currently available resources of the organization. All the tools needed for the development are already available with the organization and the organization does not have to acquire any new resources. The technical feasibility is also attributed to the fact that the system does not make use of any additional or external third party components which can lead to increased load on the system.

2.2 Operational Feasibility: The Payroll Management System is intended to provide a very user-friendly and easy to use interface which is beneficial for both the users (employees) as well as the operators(admins) who help in providing support for the system. This system would also be easily acceptable among the faculty and staff, as there is no need of any special skill set for using the application.

2.3 Economic Feasibility: The Payroll Management System has a very low development cost. The low cost is attributed to the usage of the existing resources of the organization. As the website is very user friendly and easy to use, there is no need to provide special training to the users of the website, thus saving valuable time and money.

2.4 Scheduled Feasibility: Projects are always given deadlines. Every project is completed in a specific duration. Our team has the competency of completing this project in the given time schedule, that is, the duration of this semester. With the help of nine people who constitute our team, we are confident enough of completing the project by the end of this semester.