

Team Name: _____ The Code Lovers _____

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Abstract:

There are several schemes proposed by the government for the rural development and for improving lifestyles of villagers. The implementation and management of these schemes are maintained by the panchayat at micro level. Corruption in our country doesn't just lie in the zones of politicians and higher officers but it also exists in the village level-panchayats. The government schemes and facilities for the welfare of villagers are being exploited by the middlemen due to rampant corruption, illiteracy. The idea behind the project 'Namma Panchayati' is to provide a customized environment to the villagers mainly farmers to access the information about the government proposed schemes. 'Namma Panchayati' is a web application which has the information of all panchayat related works in the form of a dashboard. It will be designed to enhance the transparency in the e-governance and to ensure that the villagers are aware of the important schemes and get benefited by them.

Introduction

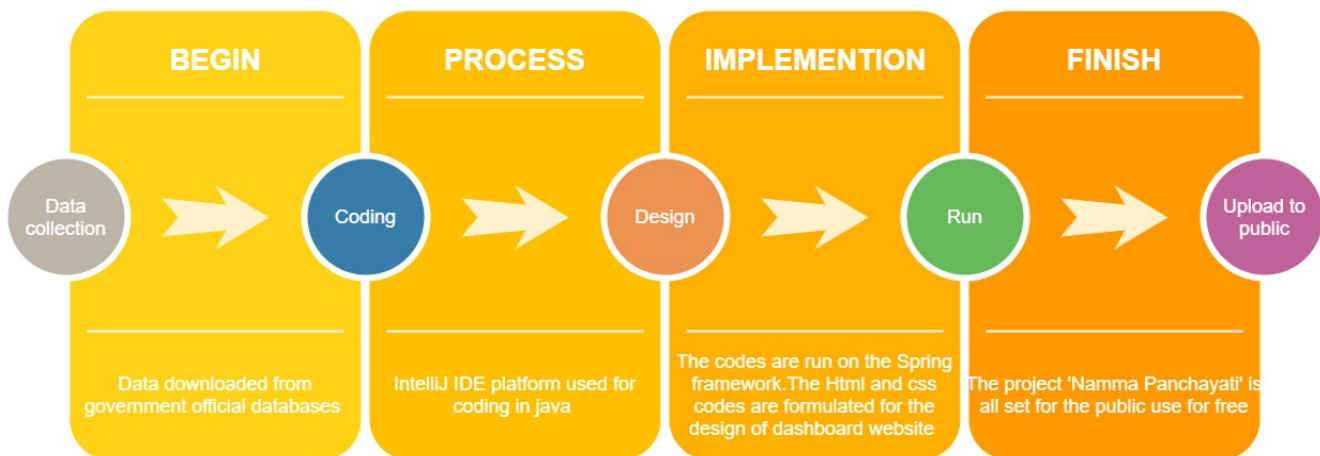
We have well appreciated government initiatives namely MGNREGA, PMGSY, Jal Nirmal Project, Grama Swaraj Project, etc for rural development and empowerment that work on rural employment to provide financial stability to the poor section of the society, repair of roads and public buildings, rural sanitation and improvement of government schools and colleges. There are funds released by the central government, state government under these schemes. Few panchayat members, the middlemen are involved in misuse of their positions and are deceiving the innocent villagers for their own personal gain by hiding information. The 'Namma Panchayati' aims at reinforcing the e-governance at panchayat level by making it more flexible and effective for the villagers. We use web scraping to retrieve the data of the proposed schemes and categorize the data in a more convenient and understandable format using graphs and tables. The proposed and actuals of the utilization would be displayed in the project for evaluating the efficacy. The project tracks the schemes and shows the required information in an understandable manner with easy access. The dashboard will be designed in such a way that the information and graphs of respective expenditure and activities are unambiguous. This helps poorly educated villagers to comprehend the values and significance of the government policies and in turn prevent themselves from being misled. Also the panchayat members and officials will be restrained from dwelling in any corruptive activities by the implementation of the above project as the project tracks the schemes and distribution of the funds too.

Motivation

India is an influential agricultural powerhouse worldwide, having farmers and all related workers as its backbone. Farmers are facing major problems like insufficient water supply, poor storage facilities, transportation problems and high interest rates. From 2008 onwards, the government has brought agricultural debt-waiver and debt-relief schemes in effect to benefit over 36 million farmers. The scheme also covers direct agricultural loans to stressed farmers. However, most of such welfare programs and subsidies announced by both the central and state governments are yet to reach poor farmers, while big/wealthy landlords are hugely benefited. As youths and students, we have to make use of the current technology and knowledge to help the farmers get benefited by what they deserve. The erasure of corruption and illiteracy is a vital need in our country.

Methodology

- Proposed project 'Namma Panchayati' is a dashboard website that shows a customized view of the available schemes of government and its implementation.
- The data for the project will be extracted from the government official websites through web scraping.
- We use Java based Spring framework-intelliJ to create the dashboard website.
- The database used is MySQL.



Social Impact

On implementation of the project 'Namma Panchayati', the villagers will be aware of each and every scheme announced by the government. The status of our project tracks all the government sanctioned schemes. They can express their reapproval if any malfunctioning is noticed in the functioning of the panchayat system. This leads to reduction of corruption. The Farmers who are the strength of our country could be made more secure and educated. By putting an end to the tricks of the middlemen, the villagers can be assisted financially and morally.

Market Survey

Web app(product) - the proposed project 'Namma Panchayati' will be a form of dashboard that emphasises on the customized view of all the government sanctioned views.

Access - it is a free website accessed by all. Initially it will be based on information under only one panchayat. On successful implementation of the proposed project 'Namma Panchayati', it shall be widely proposed under few more panchayats at taluks levels.

Survey – websites like eGramSwaraj, ministry under rural development provides narrow information and summary of the government activities across all states. Although websites like Gram Panchayat Development Plan have filtering of the gram panchayats under respective taluks, the final information available is just the name of sarpanch and panchayat secretary. Contrast to these our proposed project 'Namma Panchayati' focuses on precisely showing all the work, status and work type put forward by the state and central government under the panchayat raj system.