



**SMART INDIA
HACKATHON
2020**



TEAM > DIGI.PHOENIX

TEAM LEADER > Ravindra Singh Rajawat

Problem Summary...



There are around 649,481 villages in India, according to Census 2011. so rural development is important in india..

Rural development is the process of improving the quality of life and economic well-being of people living in rural areas. According to 2011 Census 68.84% of population lives in villages. The backwardness of the rural sector would be a major impediment to the overall progress of the economy.

Rural Housing is the flagship programme of State Government and Government commits to provide pucca houses to all eligible rural households living in the kutcha houses. In this endeavor, four Rural Housing Schemes are implemented across the State.

Many rural housing mission failed to complete their work so we need a monitoring system

1. Facts with some proofs

Tower of India

India Tower (previously known as the Park Hyatt Tower; also known as the Dynamix Balwas Tower or DB Tower) is a canceled 126-story, 707.5 m (2,321 ft) megatall skyscraper that began construction in the city of Mumbai, India, in 2010. The tower was originally planned for completion in 2016, but construction work was put on hold in 2011 due to a dispute between the tower's developers and Mumbai's civic authorities.

Design and construction	
Architect	Foster and Partners
Developer	Dynamix Balwas

General information	
Status	Never built
Type	residential / hotel / office
Location	Charni Road, Mumbai, India
Construction started	2010
Construction stopped	2011
Height	707.5 m (2,321 ft)

2. Facts with some proofs...



JNNURM and RAY schemes have been criticised for the poor quality of the houses; in some instances, they have been worse than their habitation in the slums, even in size. Moreover, the housing projects have been located in areas lacking trunk infrastructure. Many beneficiaries face lack of electricity, water supply, sewerage and solid waste management in their new residence. Often, open spaces around the newly constructed houses are reduced to serving as garbage dumps. Houses have structural defects as well (e.g. damp indoor walls, leaky ceilings). In some cases, houses have been constructed in areas distant from livelihood and income earning opportunities with inadequate provision of public transport. As a result, much of the housing stock created under the government schemes remains vacant.

Incomplete Work... (Facts faced by the persons)

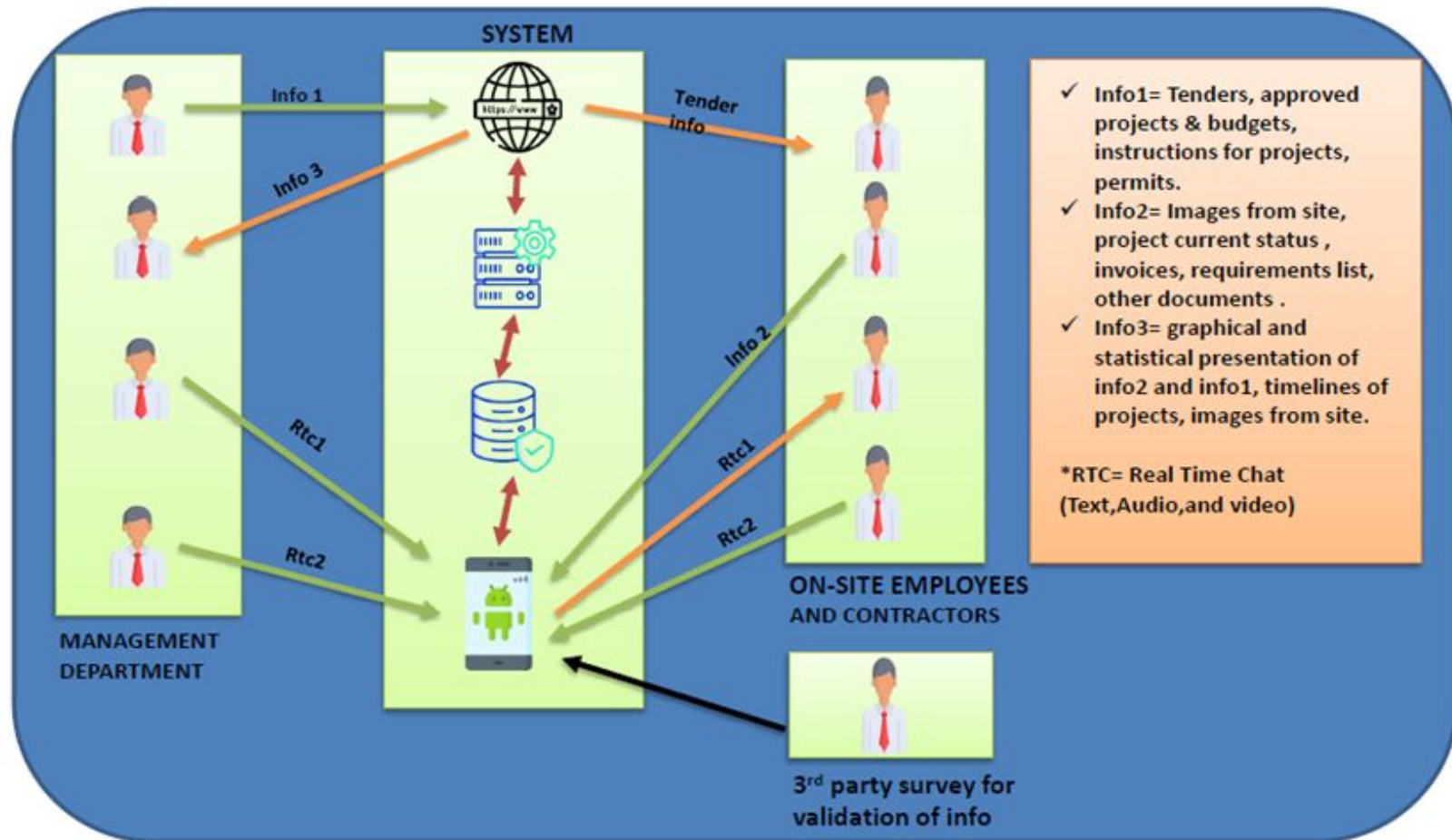




Our Solution



USER CASE DIAGRAM



It will provide the following points



- Ability to display uploaded data from remote site in a statistical, graphical and other visualization forms.
- To keep all project related and other important documents in a database (upload ,download ,view , edit).
- Data security and integrity by using permissions and other security checks.
- Ability to send instructions to remote site in real time (permits , permissions and other documents).
- Display recently approved tenders and upcoming projects to all concerned party (government , public , contractors).
- To keep track of all approved project budgets (spending and remainders).
- To keep track of project timelines (current progress ,delayed response and expected computation time).

Idea / Approach details SOLUTION STATEMENT (ANDROID)

It will provide the following points



- To upload images and other information from the remote sites.
- The ability to edit it and validate this information .
- Geo tagging and real time tagging on all data.
- Partition of management and contractors access.
- Ability to upload the invoice of materials used and other documents.
- Ability to provide permits and other instructions to the remote sites from the management in real time.

Team Members...



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