



**BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE
APPLICATIONS AND GEO-INFORMATICS**

WEEKLY PROGRESS REPORT (02/02/2026 – 08/02/2026)

WEEK 9

PROJECT NAME

DIGITAL TOWN PLATFORM

PROJECT DESCRIPTION :

**DESIGN TO PROVIDE TOWN-LEVEL
INFORMATION, SERVICES, THROUGH A SINGLE
SYSTEM**

GROUP MEMBER :

Vandit Muniya, Mitanshu Parmar

GROUP ID :

2025G152

GROUP GUIDE :

Dr. MANOJ PANDYA

GROUP COORDINATOR :

SIDHDHARTH PATEL

COLLEGE GUIDE NAME :

NEHA FOTEDAR

COLLEGE GUIDE No. :

NOT ASSIGNED

COLLEGE GUIDE EMAIL. :

Nehafotedar.ce@ddu.ac.in

COLLEGE NAME :

DHARMSINH DESAI UNIVERSITY, NADIAD

02/02/2026	<ul style="list-style-type: none"> • Vandit Muniya: Worked on PostGIS radius-based search queries, implementing ST_DWithin and ST_Distance for fetching nearby places based on longitude and latitude. • Mitanshu Parmar: Assisted in reviewing query output and validating distance calculations.
03/02/2026	<ul style="list-style-type: none"> • Vandit Muniya: Debugged geospatial query issues where incorrect results were returned due to coordinate order and geography casting. • Mitanshu Parmar: Helped test API responses using multiple coordinate inputs.
04/02/2026	<ul style="list-style-type: none"> • Vandit Muniya: Developed and tested Python scripts for verifying place datasets using OpenStreetMap Overpass API, focusing on hospitals and government offices. • Mitanshu Parmar: Reviewed Overpass API responses and verified whether returned elements matched expected place categories.
05/02/2026	<ul style="list-style-type: none"> • Vandit Muniya: Investigated issues related to empty CSV output and responses from Overpass API, refining query filters and request structure. • Mitanshu Parmar: Assisted by re-running queries, checking raw responses, and identifying possible issues in query conditions.
06/02/2026	<ul style="list-style-type: none"> • Vandit Muniya: Continued debugging of Overpass API queries, adjusting bounding parameters and request logic to improve data retrieval accuracy. • Mitanshu Parmar: Reviewed extracted data and verified attribute mapping.

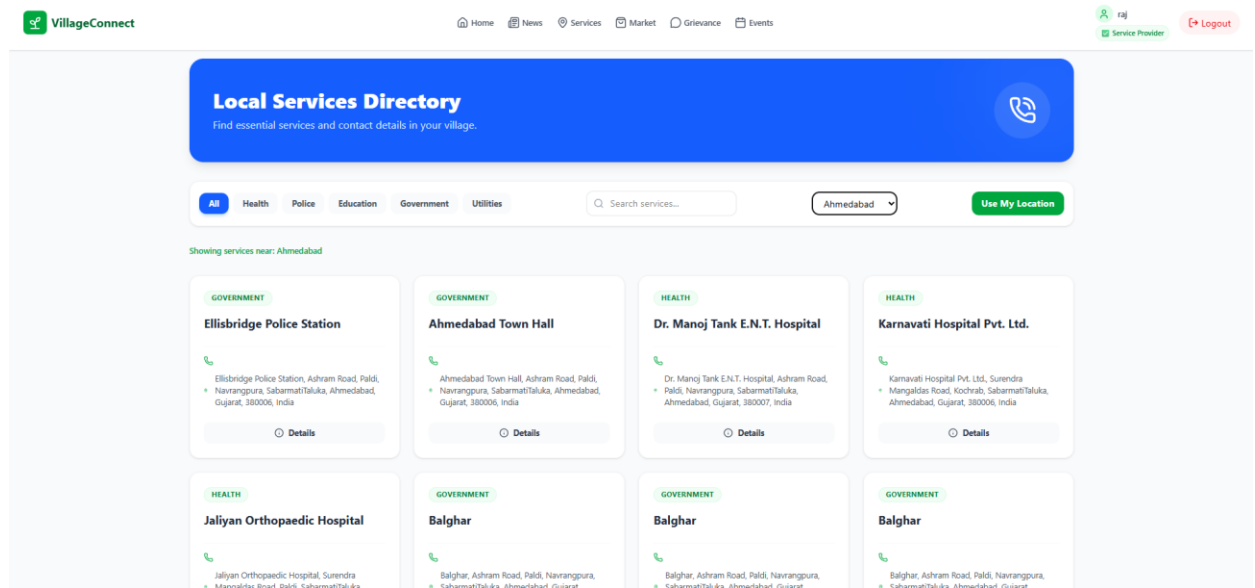
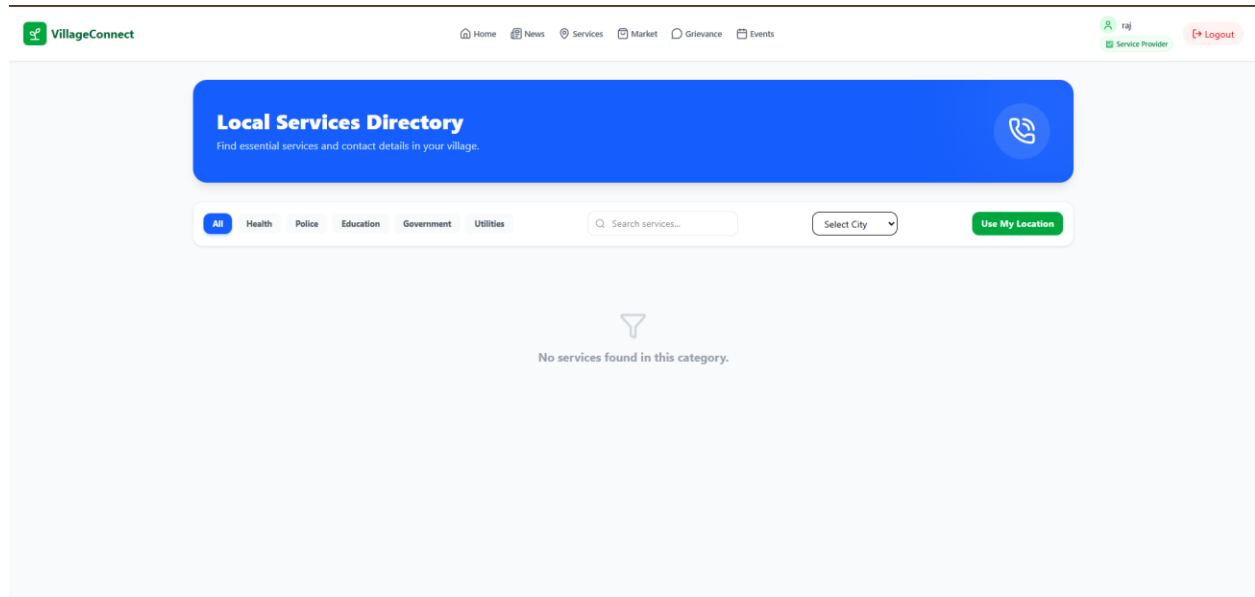
07/02/2026	<ul style="list-style-type: none"> • Vandit Muniya: Worked on improving API response structure for location-based data to align with frontend requirements. • Mitanshu Parmar: Verified response formats and ensured consistency across different test cases.
08/02/2026	Holiday (Sunday)

Next Week Plan	<ul style="list-style-type: none"> • Continue development of the Service feature backend, completing the remaining parts of service listings and extending service provider workflows. • Implement and finalize admin-side approval and management APIs for services. • Improve location (latitude & longitude) handling so service data can be reliably linked with location information.
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Github link:

https://github.com/MeetanshuP/Digital_Town_Management

SCREEN SHOTS :



[Home](#)
[News](#)
[Services](#)
[Market](#)
[Grievance](#)
[Events](#)

[Logout](#)

Ellisbridge Police Station, Ashram Road, Paldi,
Navrangpura, Sabarmati Taluka, Ahmedabad,
Gujarat, 380006, India

[Details](#)

Ahmedabad Town Hall, Ashram Road, Paldi,
Navrangpura, Sabarmati Taluka, Ahmedabad,
Gujarat, 380006, India

[Details](#)

Dr. Manoj Tank ENT Hospital, Ashram Road,
Paldi, Navrangpura, Sabarmati Taluka,
Ahmedabad, Gujarat, 380007, India

[Details](#)

Kamavati Hospital Pvt. Ltd., Surendra
Mangaldas Road, Kochrab, Sabarmati Taluka,
Ahmedabad, Gujarat, 380006, India

[Details](#)

HEALTH

Jaliyan Orthopaedic Hospital

Jaliyan Orthopaedic Hospital, Surendra
Mangaldas Road, Paldi, Sabarmati Taluka,
Ahmedabad, Gujarat, 380006, India

[Details](#)

GOVERNMENT

Balghar

Balghar, Ashram Road, Paldi, Navrangpura,
Sabarmati Taluka, Ahmedabad, Gujarat,
380006, India

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GOVERNMENT

Balghar

Balghar, Ashram Road, Paldi, Navrangpura,
Sabarmati Taluka, Ahmedabad, Gujarat,
380006, India

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Balghar

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380006, India

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GOVERNMENT

Balghar

Balghar, Ashram Road, Paldi, Navrangpura,
Sabarmati Taluka, Ahmedabad, Gujarat,
380006, India

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HEALTH

Smt.NHL Municipal Medical College Hospital

Smt.NHL Municipal Medical College Hospital,
Sabarmati Riverfront road, Kochrab,
Sabarmati Taluka, Ahmedabad, Gujarat, 380006,
India

[Details](#)

EDUCATION

Smt. N.H.L. Municipal Medical College

Smt.NHL Municipal Medical College Hospital,
Sabarmati Riverfront road, Kochrab,
Sabarmati Taluka, Ahmedabad, Gujarat, 380006,
India

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HEALTH

Stavya Spine Hospital and Research Institute

Stavya Spine Hospital and Research Institute,
Punshottam Malviyankar Marg, Paldi,
Navrangpura, Sabarmati Taluka, Ahmedabad,
Gujarat, 380006, India

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Local Services Directory

Find essential services and contact details in your village.

[All](#)
[Health](#)
[Police](#)
[Education](#)
[Government](#)
[Utilities](#)

[Use My Location](#)

Showing services near: Ahmedabad

EDUCATION

Vishwakarma Government Engineering College, Chandkheda

7923293866

Vishwakarma Government Engineering
College, Chandkheda, 4D-Mall Road, Asarna
Taluka, Ahmedabad, Gujarat, 382424, India

[Details](#)

EDUCATION

Tapovan Sanskar Peeth

Sardar Patel Ring Road, Gandhinagar Taluka,
Gandhinagar, Gujarat, 382424, India

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EDUCATION

NIRMA University

Kalapur Cooperative Commercial BANK,
Traged gam road, Traged, Ghatlodiya Taluka,
Ahmedabad, Gujarat, 382470, India

[Details](#)

EDUCATION

Swarnim International School

Swarnim International School, Sarkhej-
Gandhinagar Highway, Adalaj, Gandhinagar
Taluka, Gandhinagar, Gujarat, 382423, India

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