



E-GRAM

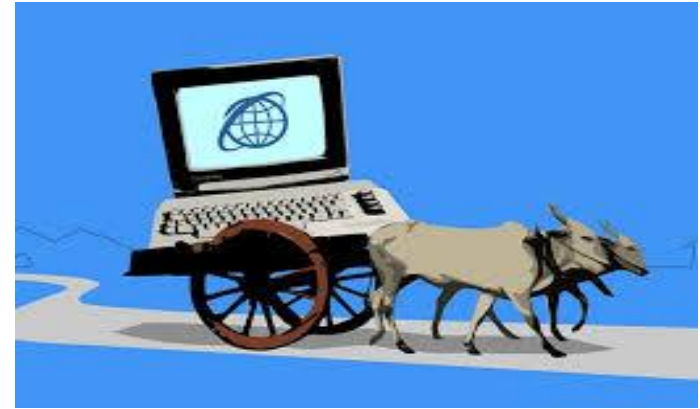
Problems faced by traditional System

- In villages, All records of villagers are managed by Gram Panchayat of respective village. There is no integrated system for data management and storage. Its too annoying and difficult to manage records. Also there is less interaction between villager and Gram Panchayat. During this corona pandemic, situation has become worst. So we are developing an integrated web system for Gram Panchayat.



Our Solutions

- Villagers are able to pay revenue taxes of Home, Water, Electricity and Farm online.
- Villager will get receipt of transaction as a proof.
- Gram Panchayat will provide Residential certificate and other documents in PDF format on Villager's email.
- Latest schemes of government for villager's development will be floated on website. Villagers will get information about scheme on site.
- Monthly notifications regarding bill payments will be sent to the villagers.



Technology stack

- Modelling and Designs - Figma
- Frontend - React, Reactstrap, Javascript, HTML, CSS, JSX
- Server-side - Node JS , Express JS.
- Backend - MongoDB Atlas



Layout

- Home Page :
 - This will contain Basic info about village , its different amenities , programmes and schemes currently ran by govt.
- Schemes :
 - Display Schemes (Both Centre and States)
- Admin Page :
 - Display Dashboard for Admin
 - Verify information about new users
 - Generate bills for User
 - Send Notifications to users
 - Add new Schemes to Schemes Tab



Layout (continued)

- User Login and Bill Payment:
 - Register as new user
 - Update or Change Personal Details
 - Check for pending bills
 - Pay bills
- Documents:
 - Here user can issue residence certificates , other similar important documents.
- About the Village:
 - Contain the information about village.
 - Display Contact details of Gram Panchayat , Sarpanch etc.
 - Display Location on google Maps

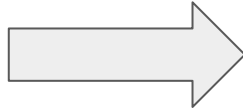


Stake Holders

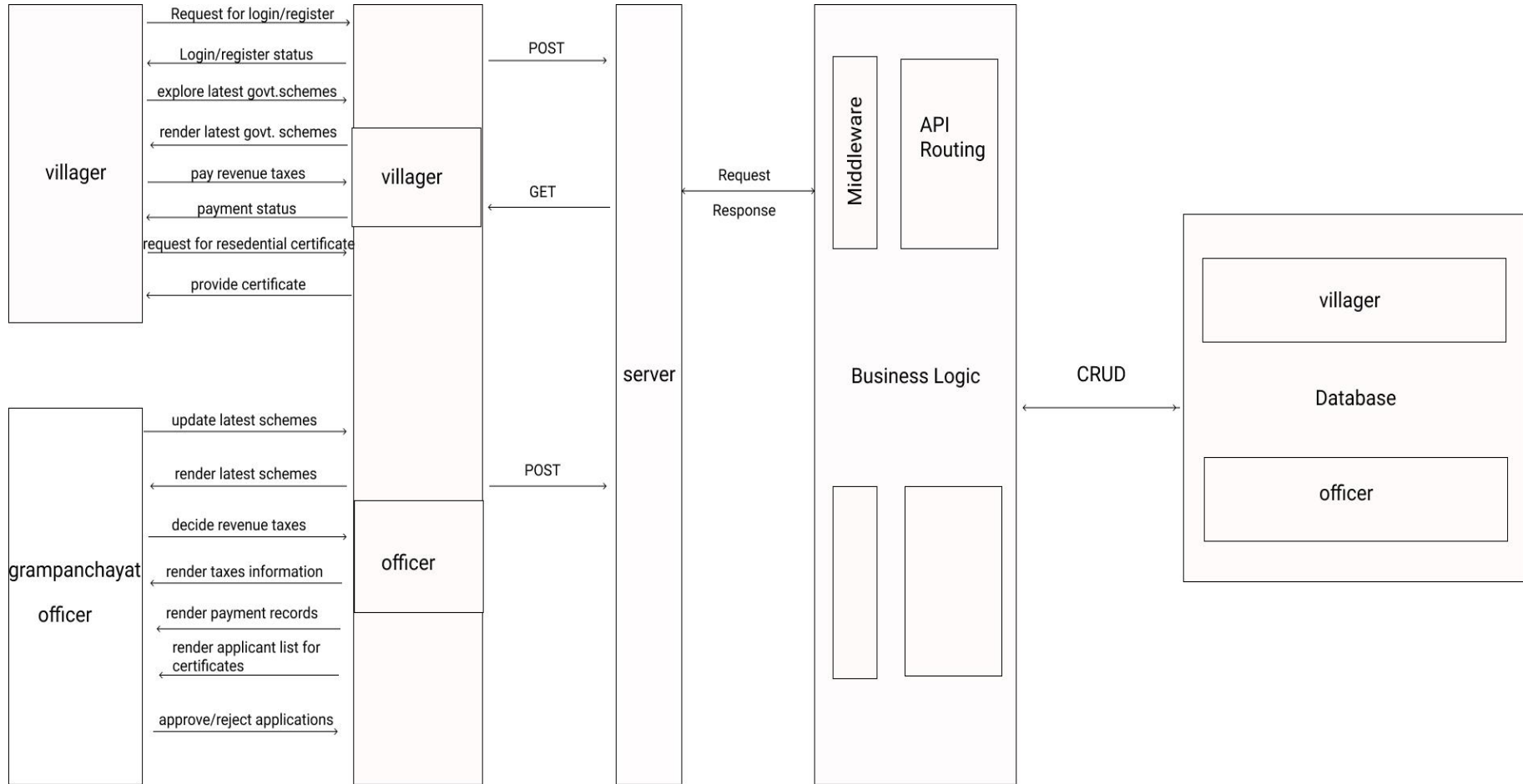
- Villagers
- Government Officials
- Government
- Village Council - Gram Panchayat



UML Use-case



Bird's eye view

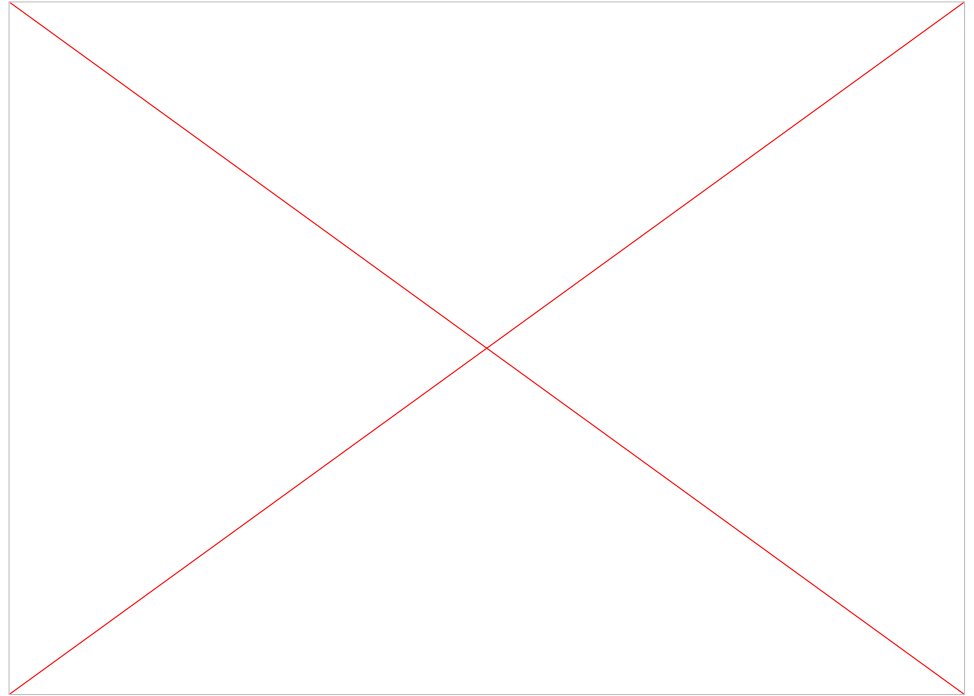
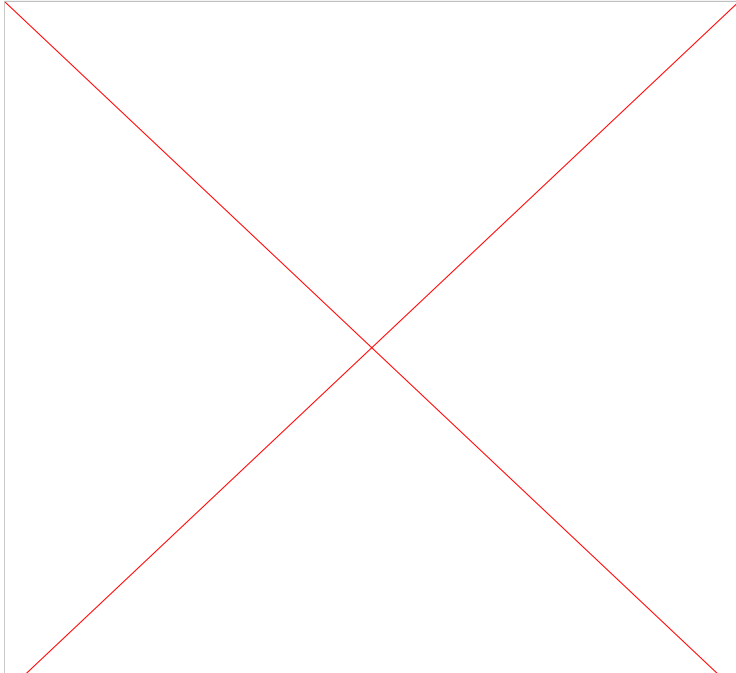


SDLC

- Communication
- Planning - 3 M's
- Modelling - used Agile
- Construction
 - Coding
 - 2 V's
- Deployment

Waterfall model

Write and Explain this points



JIRA

Extra images (remove this slide)



ग्रामपंचायत

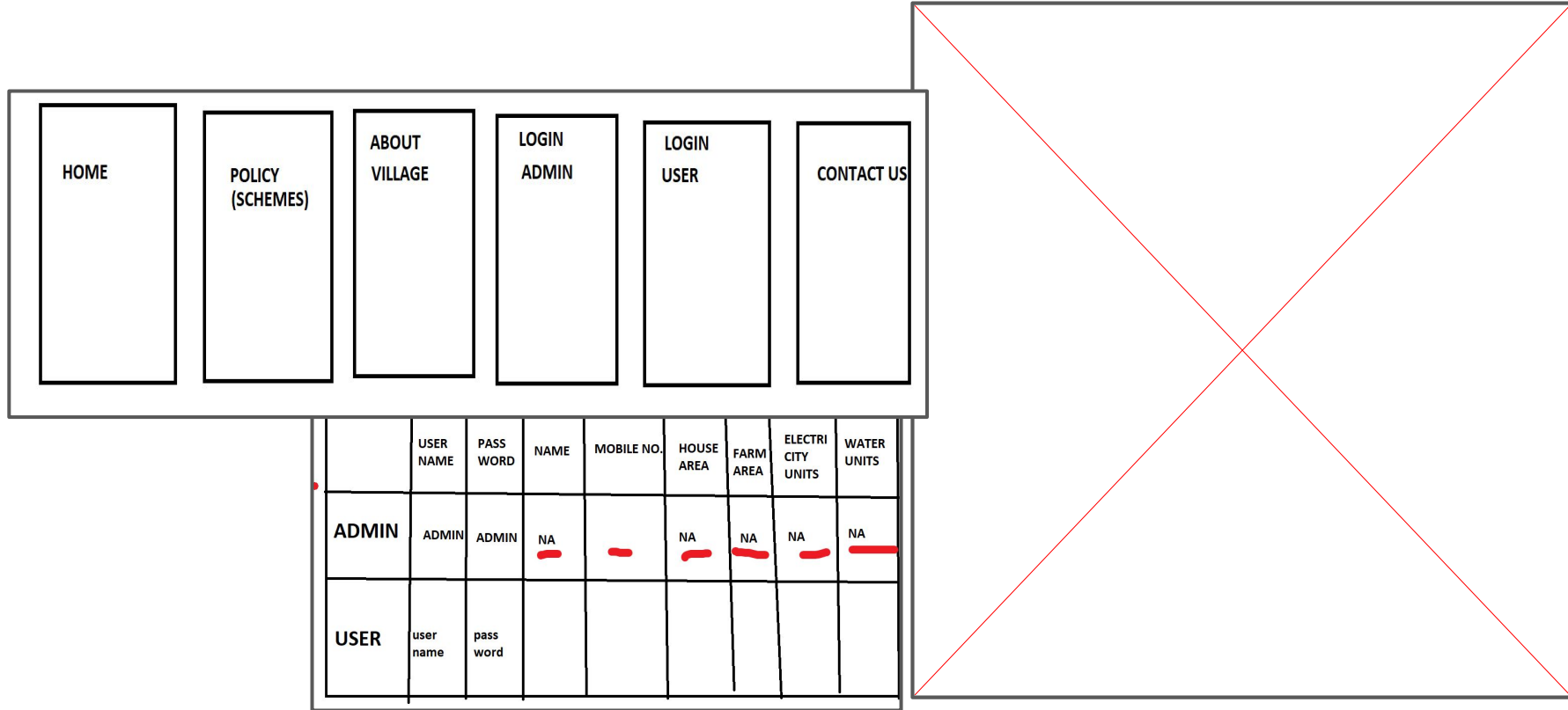


Digital
Grampanchayat
• IN



Designs

- Sketched rough designs for clear understanding of our product.



Prototype (Register) developed in React JS

eGramPanchayat

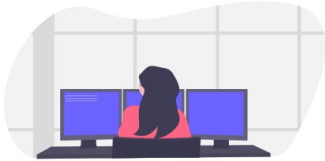
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Login

Login

Register

Register



★★★★★

Username:

Password:

Repeat Password:

Register

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(continued) Prototype (Login)

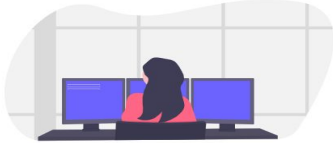
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LoginRegister

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★★★★★


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Benefits

- Gram Panchayat staff will easily manage records without any paperwork (Paperless Work).
- The Needy will be benefited with the schemes, as there will be no middlemen and hence no corruption. The schemes can be directly viewed from site
- Villagers can concentrate on farming and their duties , as time will be saved of visiting the gram Panchayat.
- The Central Government can direct keep in touch with the lowest level of democracy.



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THANK YOU



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