Nirmala Nagara: a Salubrious City

P. V. Rajasekhar

India

Current Situation

- Growing Urban Population

- Mounting Cost of Civic Services

- Inadequacy of Revenue even to meet Maintenance Needs

- Large proportion of properties Out Side the Tax Net

Current Situation

l Inability of Municipalities to Address these Challenges

Mandate

- The Constitution (74th Amendment) Act 1992 (CAA)
  - Constitutional Status of 'Local Self Government'
  - Greater Powers and Responsibilities
  - Distinct Sharing of Resources with the State Government
  - Greater Decentralised Authority.
- The CAA Envisages
  - Enabling people to participate in development processes of Municipalities

Incentives

The National Urban Renewal Mission

- a corpus of Euro 10 billion
- To be utilized over a period of 10 years
- for urban infrastructure

Karnataka Municipalities Act 1964

- ## Current System: Capital Value System (CVS)
  - C V of the Building is the Estimated Cost of Erecting that building
  - C V of Land is the Guidance Value notified according to the Karnataka Stamps Act 1957

- ## Drawbacks
  - Absence of reliable evidence on current Sale Value
  - Under Reporting of value of Transaction

Changes Proposed

- Proposed System: Unit Area System
  - Tax Rate x Area in Sq. ft x (f1 x f2 x f3 x f4)
    - f1 is multiplier for type of Usage
    - f2 is multiplier for type of Location
    - f3 is multiplier for type of Construction
    - f4 is multiplier for Age of building
- Tax Rate
    - Fixed based on the Needs of the Municipalities
    - Must be enough to Cover the cost

Fund Based Accounting System (FBAS)

- **Presently operative legislation**
  - Karnataka Municipalities (Accounting) Rules, 1965
    - Receipts and Payment model
    - Cash based Accounting system
- **Proposed**
  - Karnataka Municipalities (Accounting & Budgeting) Rules, 2006
  - National Municipal Accounting Manual

PROPOSED CHANGES IN ACCOUNTING SYSTEM

- Moving away from Cash and Adopting Accrual Basis of Accounting

- Moving from Single Entry to Double Entry Method of Book-Keeping.

- Deciding WHAT to account (under Accrual accounting system)

- Deciding HOW to account (under Double entry method of book-keeping)

Implementation Details

- **Number of**
  - **Commerce Professors**   **25**
  - **Chartered Accountants**   **5**
  - **Members of Inst. of Public Auditors of India   5**
- **Number of persons trained so far**
  - **New Recruits**   **83**
  - **Existing**
    - **Accounting Staffs**   **260**
- **Orientation Programme for officials of**
  - **DMA, KUIDFC, KUWS & DB, CAG office, SAD**

Changes Proposed

- Introduce Ward Committees

- Specify by Law
  - the Powers and Responsibilities entrusted to
    - Municipalities
    - Ward Committees

- Put in place good Systems
  - to enable the Ward Committees to Exercise their Powers

Salient Featues

- Scale
- Simplicity
- Localization
- Phased implementation
- Unique numbering Scheme
- Return on Investment
- Web Enabled Solutions

Karnataka Municpal eGovernance Project
Status - April 17th 2006

Legend
Completed
To be covered

Accomplishment So far

- **Number of Cities**   57

- **Number of Properties**   3 Million

- **Properties Surveyed**   2622745

  - Already in Registers   1742945
  - Newly Added   879800

Opportunity Cost

- Mahadevapura Municipality
- Commissioner Mr. Chicka Venkatappa
  - Before
    - No. of Properties **16000**
    - Property Tax Collection/Year **Euro Half a Million**
  - During
    - No. of Properties **60000**
    - Property Tax Collection/Year **Euro 2 Million**
  - Increase during the Project 400%
- Cost of Project would be realized in the first year itself

Simplicity
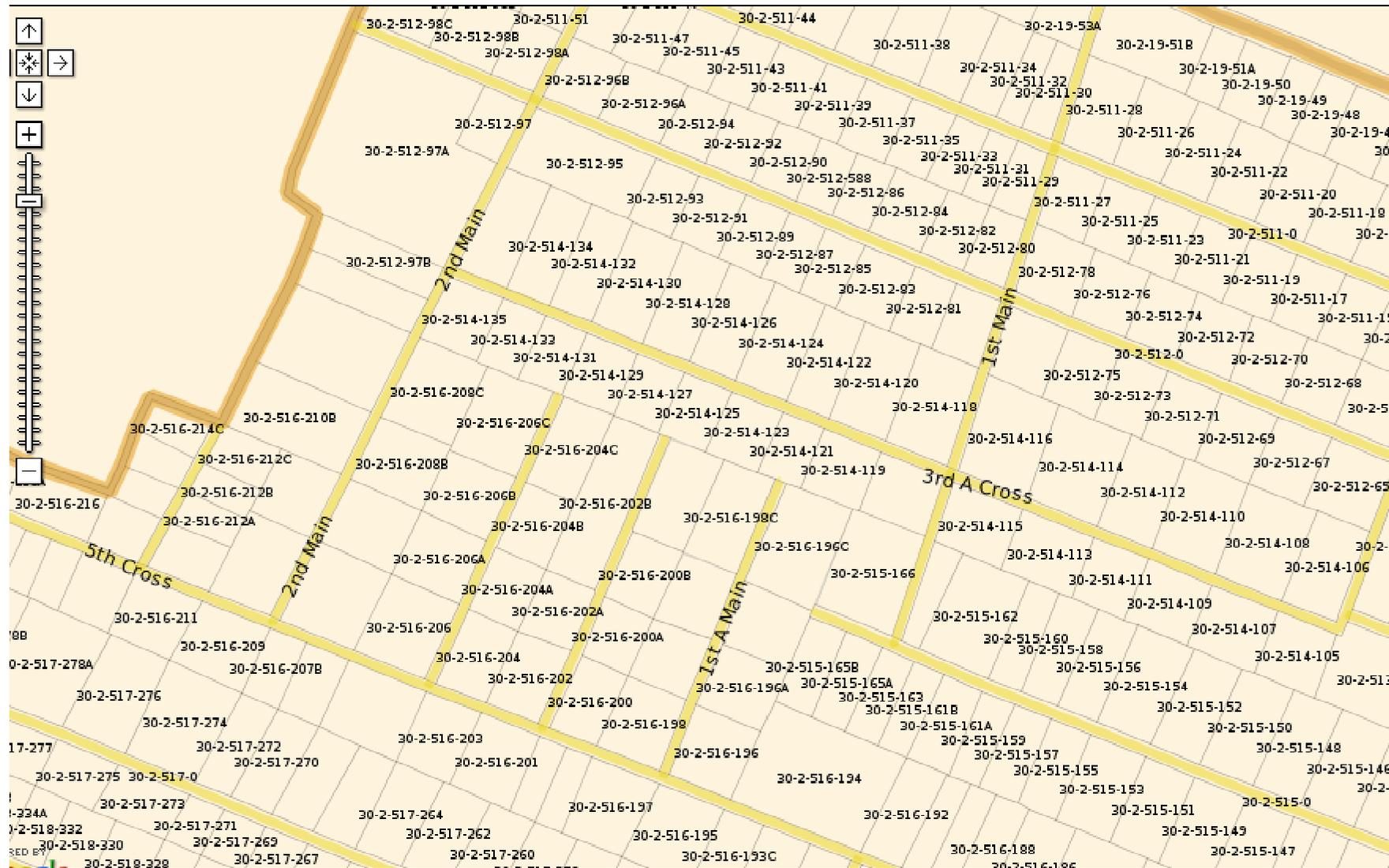
Localization

- **Data Collection**
  - **Civil** Engineers   **422**
  - **Nodal** Engineers   **57**
- **IT**
  - **Engineers**   **75**
  - **Programmers**   **50**
  - **Volunteers**   **Many**
- **Managers**   **57**
- **Data entry**
  - **Firms**   **57**
  - **Operators**   **180**
- **GIS**
  - **Digitizers**   **40**
  - **Supervisors**   **10**

Phased Implementation

- **Incremental** Improvements in
  - Accuracy
  - Services

Training

Web Enabled Services

- Property Taxation System
- Public Grievance Redress System
- Birth and Death Registration
- Trade Licenses
- Ward Works
- Water Tax

Home Page

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Ramanagara Municipal Corporation

| Home | Search Property | Create Property | Cancel Transaction + | Reports |

WelCome to eGov Property Tax Information System

- **Search Property** - You can use search property to find the property for which you are collecting tax. There are 3 ways to finding a property

  a. Property ID - You can use the property ID number to locate the property you are searching for
  b. You can use the Ward, Block and Street of the property to locate the property record
  c. You can use the Ward, Block and Street of the property with Assessee Name and Phonenumber to locate the property record.

- **Property** - You can use these pages to create and edit properties

  a. Create Property - You can use this option to create a new property not yet in the system.
  b. Edit Property - You can use this to edit or modify an existing property.

- **Cancel Transactions** - You can use these pages cancel a receipt or a bounced cheque transaction.

  a. Cancel Receipt- If an error has been made in generating
  a receipt then you will need to cancel the receipt and

Back • → • × ② ☆ | ⌕ Search ★ Favorites ② | ☆ • ☆ ◎ • ▢ ↕

Address http://192.168.1.63:90/ptisnn/BeforeDefaultersSearch.do?disp1=0   → Go   Links » Google •

Home   Search Property   Create Property   Cancel Transaction +   Reports

WARD Vinayaka Nagara ▼   BLOCK Block 1 ▼   STREET ——Choose—— ▼
FindWARD   FindBLOCK   FindSTREET

Search

Defaultersld

8-1-5-20   8-1-5-22B
8-1 8 8-1-501-1   8-1-4-13
            8-1-501-5   8-1-502-6D   8-1-4-0   10-2-4-12
← ⊹ → A" CROSS   8-1-4-11B
1-5-16 ↓   10
L-5-14   8-1-501-4   8-1-502-6C   8-1-4-11A   10-2-4-10
5-10 8-1 2A
   8-1-6-10B   8-1-4-9   10-2-4-8   10
8-1-5-8   8-1-501-6A
            8-1-501-4A   8-1-502-6B   8-1-4-7
                                                10-2-4-6
                                                    10-2-4-6A
-1-5-6
                                              10-2-4-5   10-2-512-15 10-
                                                10-2-4-5A
      8-1-6-5   8-1-6-15A   8-1-4-1
            8-1-6-9
-6-1   8-1-6-13   10-2-4-4
            8-1-6-17   10-2-512-13
                                        10-2-4-3
      8-1-6-15   10-2-4-3A   10-2-512-11
14-1-6 14-1-6-8B   EAST BUS STAND ROAD 10-2-4-2   10-2-512-9
   4-1-6-8A 4-1-6-10   10-2-6-23   10-2-6-29A
                     14-1-6-18   10-2-6-25B
                                                    10-2-6-29

POWERED BY   100 ft
Google   20 m   14-1-6-20   Map: Â© eGovernments Transport - Terms of Use
L-1A   13-2-6-26

Done   Internet

Start   4 Windows Comm... ▼   E:\jboss-4.0.2\serv...   TextPad - [E:\jboss...   http://192.168.1....   Document1 - Micros...   EN   12:15 PM

Ramanagara Municipal Corporation

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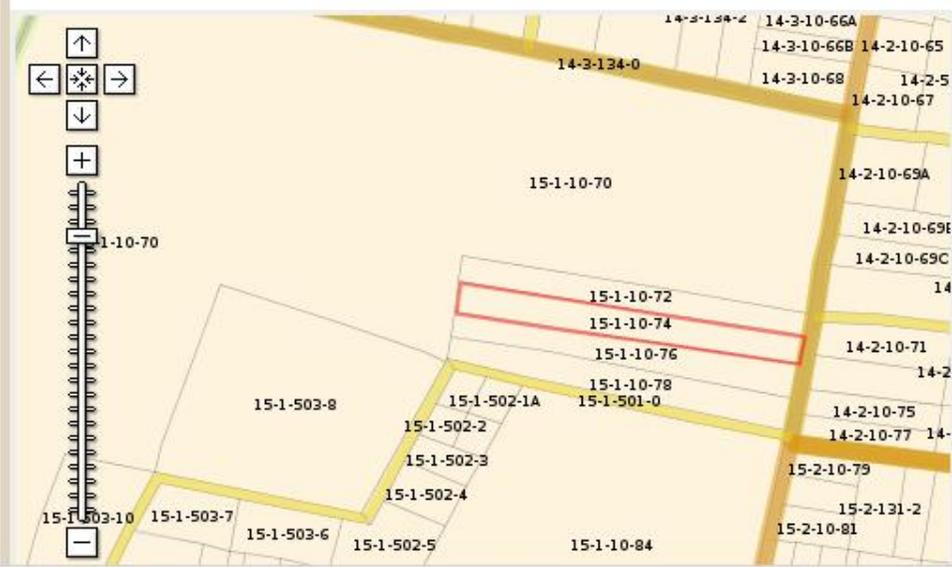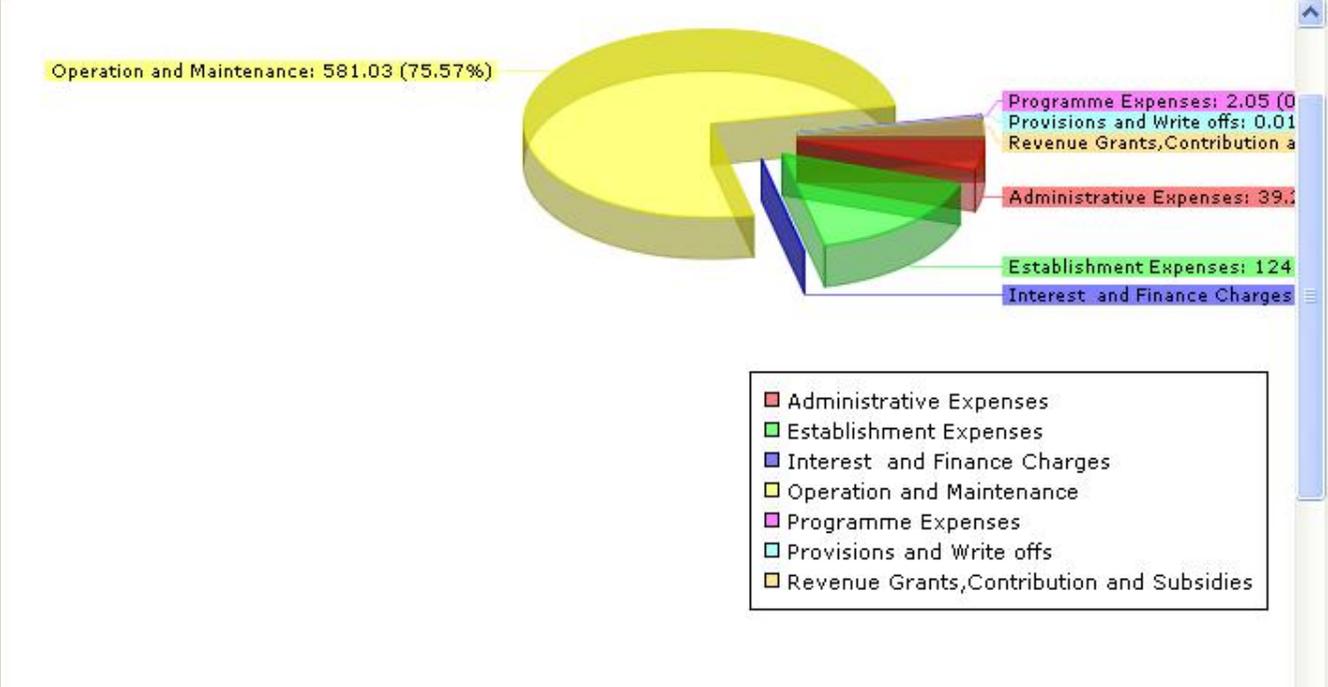WARD Vinayaka Nagara ▾   BLOCK Block 1 ▾   STREET 2nd cross ▾

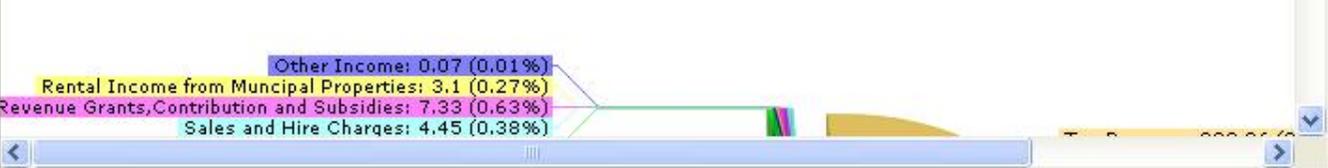FindWARD   FindBLOCK   FindSTREET

Search

14-3-134-2   14-3-10-66A
14-3-10-66B 14-2-10-65
14-3-134-0
14-3-10-68   14-2-5
14-2-10-67

15-1-10-70   14-2-10-69A

14-2-10-69B

-1-10-70   14-2-10-69C

14
15-1-10-72
15-1-10-74
15-1-10-76   14-2-10-71
15-1-10-78   14-2
15-1-503-8   15-1-502-1A 15-1-501-0
15-1-502-2   14-2-10-75
15-1-502-3   14-2-10-77 14-
15-2-10-79
15-1-502-4
15-2-131-2
15-1-503-10 15-1-503-7   15-2-10-81
15-1-503-6   15-1-502-5   15-1-10-84

DefaultersDetails   Back

PropertyId: 15-1-10-74

Name: Sairam SS

Address   DoorNo: 2nd A
            CrossBlock 1

Balance: 200

Byataranapura

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- Transactions
- Reports
- Masters
- Processing
- Set-up

Operation and Maintenance: 581.03 (75.57%)

Programme Expenses: 2.05 (0
Provisions and Write offs: 0.01
Revenue Grants,Contribution a

Administrative Expenses: 39.

Establishment Expenses: 124

Interest and Finance Charges

- Administrative Expenses
- Establishment Expenses
- Interest and Finance Charges
- Operation and Maintenance
- Programme Expenses
- Provisions and Write offs
- Revenue Grants,Contribution and Subsidies

Summary Income

Other Income: 0.07 (0.01%)
Rental Income from Muncipal Properties: 3.1 (0.27%)
Revenue Grants,Contribution and Subsidies: 7.33 (0.63%)
Sales and Hire Charges: 4.45 (0.38%)

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Welcome rk gupta

Birth Certificate
ಜನನ ವ್ರಮಾಣ ಚತ್ರ

This is to certify that the following information has been taken from the original record of birth which is the register for **Byapanahalli** (village / town) of **null** taluk of **Bangalore** district of Karnataka state.

ಈ ಕೆಳಕಂಡ ವಿವರಣೆಯನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯದnullಶಿಲ್ಲೆಯ null ತಾಲ್ಲೂಕಿನ null(ಗ್ರಾಮ/ಪಟ್ಟಣ) ದ ರಿಶಿಸ್ಟರಿನಲ್ಲಿರುವ ಜನನ ಸಂಬಂಧಪಾದ ಮೂಲ ದಾಖಲೆಯಿಂದ ತೆಗೆದುಕೊಳ್ಳಲಾಗಿದೆಯೆಂದು ಪ್ರಮಾಬೀಕರಿಸಲಾಗಿದೆ.

1) Name **sdf fsd fsdfs** ಹೆಸರು	2) Name of Father **fsdf sdsd dsfds** ತಂದೆಯ ಹೆಸರು
3) Sex **1** ಲಿಂಗ	4) Name of Mother **fsdf sfsdf sfs** ತಾಯಿಯ ಹೆಸರು
5) Date of Birth **03/05/2006** ಜನನವಾದ ತಾರೀಖು	6) Registration Number **KA-01-null-2006-B-528** ನೋಂದಣಿ ಸಂಖ್ಯೆ
7) Place of Birth **Bangalore** ಜನನವಾದ ಸ್ಥಳ	8) Date of Registration **03/05/2006** ನೋಂದಣಿ ತಾರೀಖು

Date :Mon May 08 ,2006
ದಿನಾಂಕ

Signature of issuing Authority
ಪ್ರಮಾಣ ಪತ್ರ ಕೊಡುವ ಪ್ರಾಧಿಕಾರಿಯ ಸಹಿ

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ttp://192.168.1....Search.do?disp1=1 | City Road network based maps a...

Select city :   Bangalore ▾   Search   Directions   Public Tags   Road Watch   Transit

Search   Road Condition ▾   Search

Use this map in your webpage. Fetch the script.

Landmark: Sultanpalya Road

Description: Very bad road. Road surface non-existant!

Image:

KU-----PU CIRCLE

BELLARY

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2 mi
2 km

R T NAGAR

AMAN ROAD

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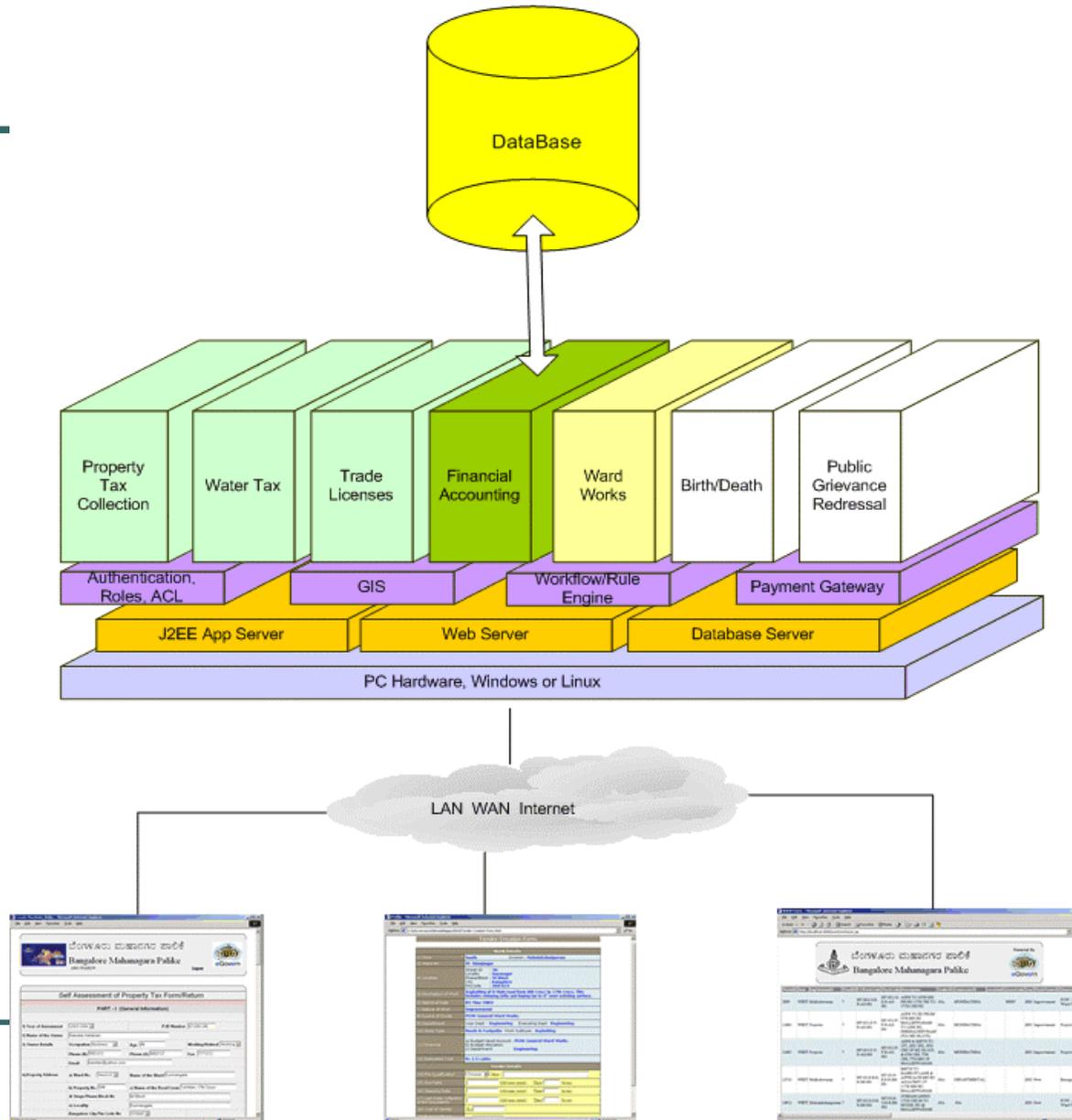
Recent Entries | New Entry

Few of the recent entries under the selected category are shown (**2 of 13** entries in **Bangalore**)

• Near CDAC
• Sultanpalya Road

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Architecture Diagram

Architecture of System

- The hardware is Intel based servers

- 3 tier J2EE web native

- Built on Open source products and technologies

- Servers would be hosted in the Central Data center

- Municipalities would access the services on the broadband through the browser

Architecture of System

- The software is:
  - Apache web server
  - Tomcat web application Server
  - JBOSS Application Server
- RDBMS as the back end

Thanks

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