

PROCUREMENT AND TENDER

MANAGEMENT SYSTEM

Done by SANGWA Emmanuel

Email: sangwa22@gmail.com

Tel: 0784113888

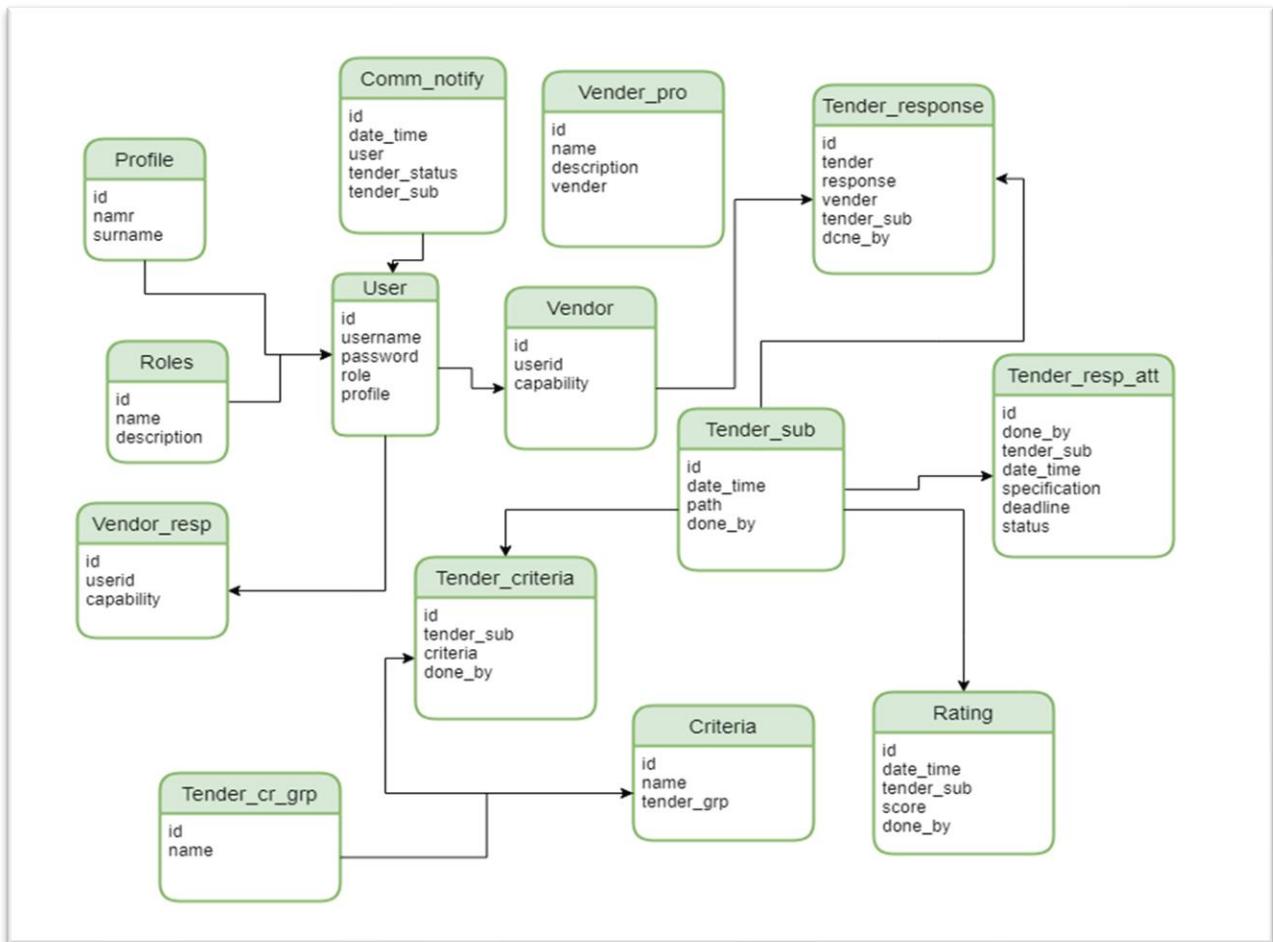
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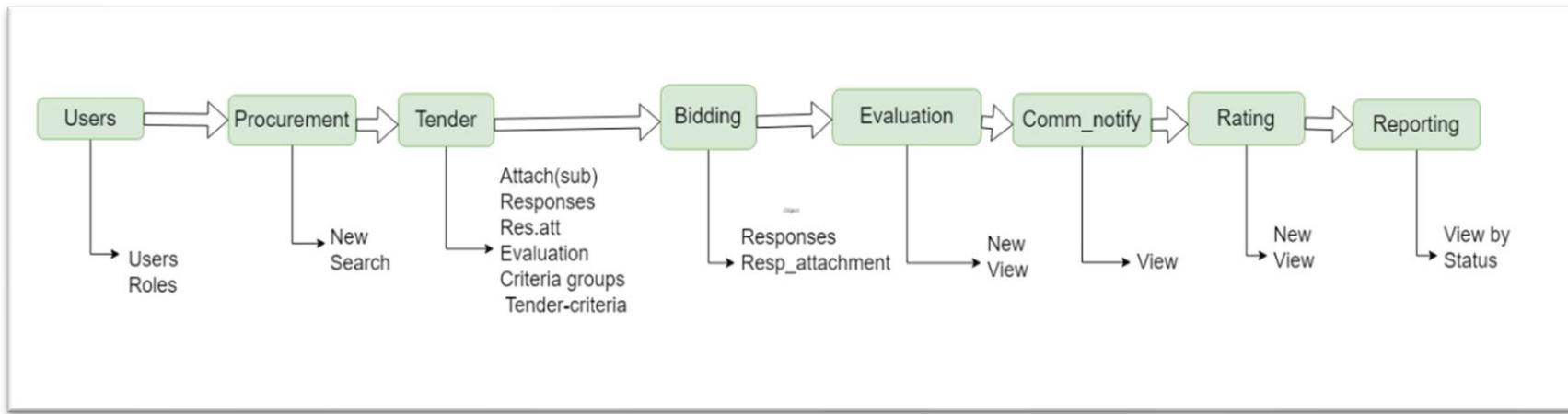
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1. DIAGRAMS

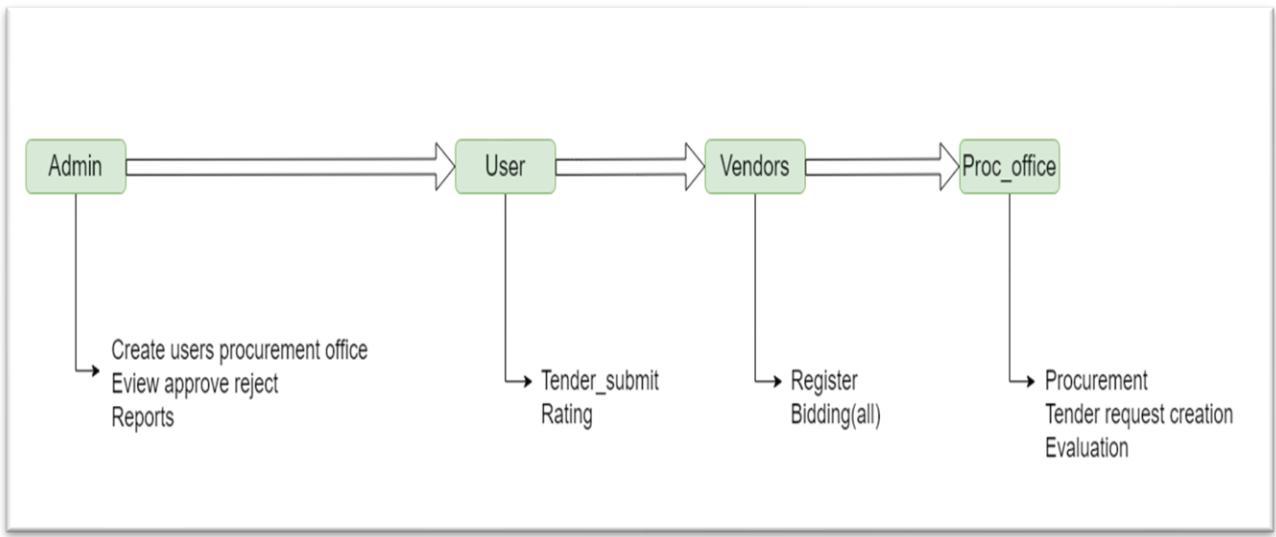
a. ERD



b. USER INTERFACE MENU



c. USER ROLES



2. DEFAULT DATA

a. USERS

i. ADMIN

- The admin user has admin as username and password (1,2,3).

ii. PROCUREMENT OFFICER

- Procurement offer user has proc_officer as username and password(1,2,3).

iii. USER (STAFF)

- The User has user as username and password (1,2,3).

iv. VENDOR

- The Vender has vender as username and password (1,2,3).

3. CRITERIA GROUPS AND CRITERIA

a. Qualifications and Experience

- Provide details of previous similar projects and references.
- Specify the required professional certifications or licenses.
- Evaluate the bidder's track record and years of experience in the industry.

b. Technical Expertise:

- Assess the bidder's technical capabilities to perform the work.
- Check if they have the necessary equipment, technology, and infrastructure.

- Evaluate their ability to meet specific technical requirements of the project.

c. Financial Stability:

- Request financial statements or credit references to assess their financial stability.
- Verify if they can handle the project's financial demands.
- Ensure they have appropriate insurance coverage.

d. Compliance with Regulations:

- Ensure bidders comply with all relevant laws, regulations, and standards.
- Check if they have a history of legal or regulatory violations.

e. Quality Assurance:

- Inquire about their quality control processes and certifications.
- Evaluate their commitment to delivering high-quality work.

f. Health and Safety:

- Assess their safety policies and track record in promoting a safe work environment.
- Verify compliance with health and safety regulations.

g. Environmental Considerations:

- Evaluate their environmental policies and commitment to sustainability.
- Check for any past environmental violations.

h. Cost and Pricing

- Compare their proposed costs and pricing structure.
- Ensure they provide a detailed breakdown of costs.
- Assess if the pricing is competitive and within budget.

i. Project Plan and Timeline

- Evaluate their proposed project plan, timeline, and milestones.
- Assess if they can meet project deadlines.
- Ensure alignment with your project schedule.

j. References and Past Performance:

- Contact references provided by the bidder to verify their performance on previous projects.
- Consider their reputation and feedback from past clients.

k. Capacity and Resources:

- Determine if they have the necessary workforce and resources to handle the project's scope.
- Evaluate their subcontractor relationships, if applicable.

l. Communication and Reporting

- Assess their communication skills and responsiveness.
- Evaluate their reporting and documentation processes.

m. Conflict of Interest:

- Confirm that there are no conflicts of interest that could compromise the project.

n. Innovation and Value-Added Services:

- Encourage bidders to propose innovative solutions or value-added services.
- Evaluate their ability to bring added value to the project.

o. Scalability:

- Assess their ability to scale up or down based on project requirements.

TECHNONOLGIES USED

The system is designed using the below technology

- SPRING BOOT 2.7
- MAVEN BUILDING TOOL 3
- JAVA 11
- MARIADB

TOOLS USED

- NETBEANS
- DBEAVER
- VS CODE