INVITATION FOR EXPRESSION OF INTEREST (EOI)

For

REVAMPING THE RINK PORTAL

KERALA
STARTUP MISSION ®

Kerala Startup Mission
G3B, Thejaswini, Technopark
Trivandrum, Kerala-695581

Introduction

'Research Innovation Network Kerala (RINK)' is an initiative of Kerala Startup Mission (KSUM) aimed to connect research institutions with startups and industries to take research outcomes into the market and develop commercial ventures.

Kerala Startup Mission is planning to revamp the existing RINK portal including the back end portal and website. The main objective is to add more modules to the portal and upgrade the website into an internationally appealing digital platform. The platform should enable seamless interaction between stakeholders at multiple levels to maximise the productivity at the same time it should have controlled access and security for maintaining the credibility of the system. At present the portal has 45 Research and Development (R&D) organisations, 607 stakeholders, 147 products, 44 knowledge, and 19 technologies.

> Ref: https://rink.startupmission.in/

Purpose

To identify the startup having unique id of KSUM interested to revamp the existing web portal for the Research Innovation Network Kerala (RINK)

Scope of the work

The scope of the work include the following modules :

1. Web 3.0 website and the content management system should be integrated along with a Dynamic Dashboard, map of existing research institutions in Kerala (Both academic, independent and private).
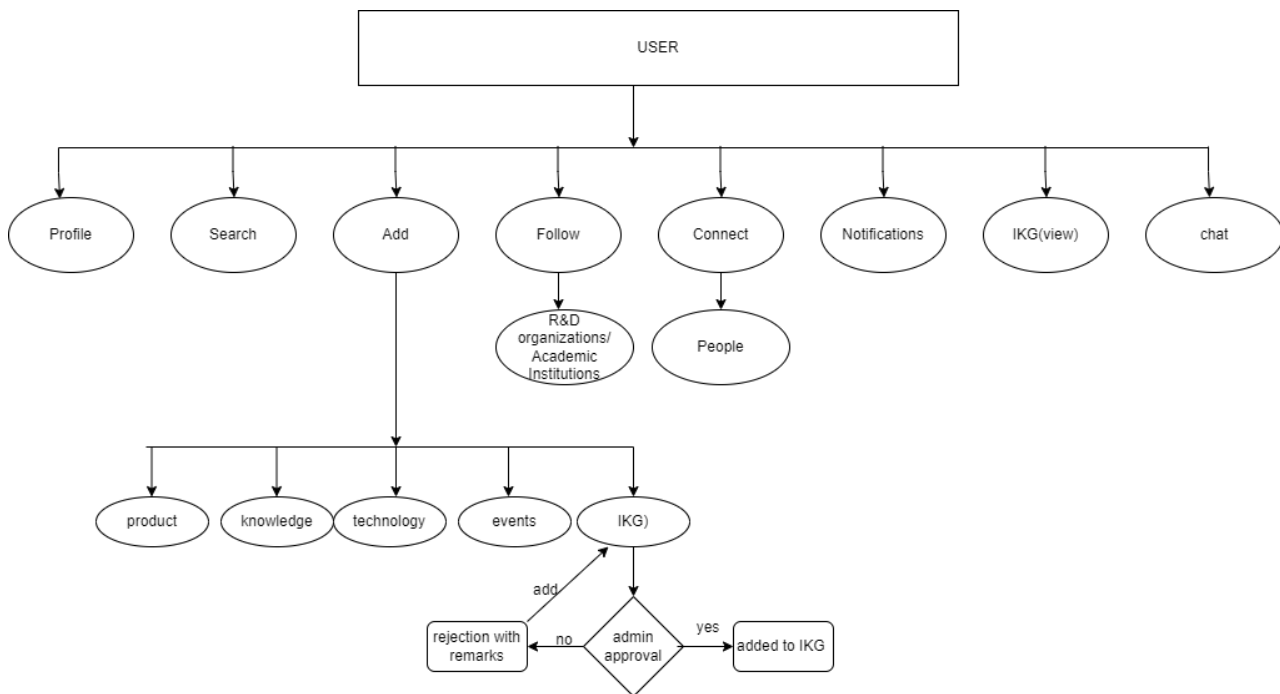
2. **Home page Layout**
   - Home page with video or animation
   - About
   - Register & Login
   - Schemes/Grants/Resources/programs
   - Gist of details of products/technology/knowledge
   - Photo Gallery
   - Contact/Chat with us/FAQs
   - Events (Upcoming Events, Past Events of RINK)
   - About Demo Days
   - Outline of Instrumentation & Knowledge Graph (IKG)*
   - Subscribe to newsletter
   - Dashboard

● Dedicated Chatbot for the portal (KSUM should have the provision to add contents by the admin)

*Instrumentation and Knowledge Graph (IKG)

IKG is the full graphical representation and details of instruments and equipment from R&D organisations & academic institutions in Kerala. Users can view this information after login. An outline about this information can be found in the Home page. R&D organisations & academic institutions can add information about equipment into IKG.

3. User flow

4. User Registration Module

User types proposed:

● Super Admin (The super admin should have the option for creating new stakeholders other than the list added.)
● Admin
● Research Organisation (Research and Development organisation, also known as R&D, works to generate new knowledge that it might use to create new technology, products, services, or systems that it will either use or sell. More than seventy R&D organisations are there in Kerala.)

- Academic Institution (Academic institution is an educational institution, such as a university or college dedicated to education and research, which grants academic degrees).
- Investor (Individuals / VC Funds)
- Startups (Integrate the Unique ID database of KSUM - startups.startup mission.in)
- Industry
- Corporate
- Mentor
- Faculty Member
- Research Scholar
- Facilitator
- Govt. organisation
- Individual

5. Profiling of Stakeholders / Users

Each user mentioned above shall have a detailed profile page, to add relevant   information based on their user type.

6. Search management system

7. Product Showcase

This is a facility for users to showcase their product/ technology / knowledge to the users of the portal and shall be accessible within the portal. This shall include the following:

- add product
- add technology
- add knowledge
- add equipments & instrumentation facilities from R&D organisations & academic institutions
- facility adding
- add events organising by RINK, R&D organisations, academic institutions & startups

8. Connect with Stakeholders

- The web portal shall act as a platform for interacting with the various stakeholders of the portal. Similar to LinkedIn
- Provision to schedule meetings and connect with the relevant stakeholders via video call (for which Jitsy or similar alternatives shall be used)
- The connect shall be established between the users after accepting the invitation
- User shall only view the Complete profile of the selected user upon acceptance of the

invitation
- After every interaction feedback has to be obtained from the users and further interaction shall only be scheduled after the completion of the feedback form.

9. Follow Stakeholders

Users shall be given an option to follow the stakeholder especially R&D organisations and academic institutions whereby updates in the respective profile shall be made available to the users.

10. Notification (Via email/ Portal)

All the updates within the portal shall be notified to the respective user via email. An unsubscribe provision shall also be provided to the user if they are not willing to receive the notifications via email.

11. Chat

User can chat with administrators also can chat with each other after accepting the invitation of connection

12. Integration of Login API (Existing Webportal) or Import users from the existing RINK portal

13. Data Migration from the existing system

The existing system comprises of the following details:

- User profiles
- Profile of R & D Institutes

14. Report Generation (Dynamic/ Customizable)

15. Demo Days

Research products from R&D organisations and academic institutions will be showcasing their products and live interaction in the virtual exhibition will be opened up for the interested stakeholders, every month. Provision to conduct the Virtual Demo Days has to be made available within the portal

Ref: https://business.startupmission.in/demoday

16. Sector based mapping

The product, technology and knowledge that are added by the users shall belong to a single or multiple sector.

17. Discussion Forum for users

<u>Future Scope</u>

A social networking site for research community like LinkedIn

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