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Overview of problem:

In view of various initiatives started by government in various ministries there is surge in entrepreneurial interest in social startups. Ministries want to outsource their problems to startups in order to get innovative solutions from intelligent minds of India. Presently there is “None” platform that caters exclusively to the Social Sector.

Features:

1)Uploading of problem statement:

- The problems will be uploaded by the ministry in prescribed format.
- The problems faced by ministry officials at technical and management level are uploaded and later verified by one representative of particular ministry in a prescribed format.
- Citizens can write the blogs on various social topics so that entrepreneurs can get an insight into problems and create their own problem statement.
- The complaints by citizens will be considered and verified by ministry while uploading problems.

2)Searching of social problems:

Searching will follow below given criteria:

- The entrepreneurs will be able to view all problems which will be sorted according to the priority as i)Central ii)State iii)Union territories iv)District
- Search according to social topics/blogs.
- Location based search(to find social problems in vicinity).

3)Problem solution submissions:

- Upload solutions in the form of presentations, pitch videos etc.
- Ministries will be able to see the solution according to the ratings of the startups.
- Submitted solutions are timestamped for preserving intellectual property.
- Ask for advice from experts.

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4)Evaluation and verification by ministry:

- Technical evaluation by ministry.
- In case of ambiguities , the ministry may contact the concerned group.
- Permission for starting the development.

5)Development of project:

- E-meetings consisting of negotiations between ministry and entrepreneurs.
- Project estimation module.
- Apply for CSR funds(by filling forms).
- Entrepreneurs can ask private investors to provide funds.
- Expert advice if necessary.
- Updating status of development regularly and frequent E-meetings between both party.
- Uploading final project using project demonstration videos, project reports.
- The ministry can make the solution public on the platform.
- Face to face discussion and final project delivery.

6)Impact assessment:

- The platform will provide provision for impact assessment both qualitative and monetary.
- The guidelines for impact assessment will be same as given by the Council for Social Development ,the link is:
<https://drive.google.com/open?id=1zaQFTLECCt1VNN4QEgy68jDFiCTKMEFp>

Additional features:

1)Profile system:

- General fields –Personal info , Qualification.
- A person maybe any one of the follows entrepreneurs, investors, expert where he can select his role.
Depending on his role his profile system will contain :
 - Entrepreneur profile : Skills, Working Experience, Projects accomplished, Projects currently working on, Endorsements, Patents and other specifications.
 - Expert profile: Domain specialization, Projects evaluated.
 - Investor profile: Projects funded, Topics of interest.
- Ministry officials profile: reviews, problem statements submitted(if any).
- Startup profile system: Group of entrepreneurs having following content on their dashboard Ratings,Scope,Domain,Current projects, Projects already worked by members of startup(with team members info), Solutions submitted, Patent etc.

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2) Collaborative environment:

- Startups working in same domain can contact each other by searching. By negotiations they can work on large government projects(through a online common channel).
- Startup can find a entrepreneur with the skill sets(by the entrepreneur profile system) they want and vice versa.(particular entrepreneur can work as freelancer).
- Group of government officials and startups can work collaboratively.

3) Rating:

- Overall rating of startup(consisting of reviews, and based on ratings of projects undertaken).
- Rating of particular project under particular startup .
 - SIA(Social Impact Assessment Module)
 - In ratings the privilege will be as follows i)Ministry ii)Expert iii)Investor iv)Likes by common users.
- On the basis of profile strength and ratings of startups, government or private investors get a guideline to decide which projects/startups to be funded.

4) Informative window:

- The platform will display data about projects under NIF,CSIR.
- RFP will be uploaded by particular ministry for various projects.
- The government department of CSR will upload all opportunities at various levels.

Scope:

- Ministries will be able to outsource their problems and get innovative solutions from intelligent minds of India.
- Entrepreneurs will be able to explore the social problems and projects and thus create employment opportunities.
- All social issues will be brought on a common platform.
- Many issues such as getting ideas, Fundings, expert advice are resolved.
- Entrepreneur and startup network of India will evolve.
- India will not depend on global market for social projects.
- Very large government projects can be handled by collaborative environment.
- The platform will encourage entrepreneurs from rural areas to create startups.
- This platform can also be used as business incubator and accelerator platform.
- The platform will be helpful for DIPP ministry for project assessment.

Technology Stack

- Django Web framework.
- Azure virtual machine to host Django based website.
- Mysql .
- Cloud Services(Microsoft Azure).

Dependencies

- Internet connection for uploading problems by ministries and uploading solutions by entrepreneurs by means of presentations, pitch videos, etc.

Use Case Diagram

Package Web App use cases

