**Project-: Doctor Appointment Booking App.**

**Methodology / Relevance in the context of the state-of-the-art to be highlighted :-**

Appointments are made easy which can be done online through the app and the emergency cases can be handled on a priority basis.

**Outcome:-**

Appointments are made easy and the cost of the travelling and the wastage of time is reduced. Emergency services can also be booked directly through the app.

**What are the risks in terms of project complexity and deliverables? :-**

Network problems can create risk in that condition if the user is not available online it causes the issue to make an appointment with the doctor.

In rural areas many people don’t have a smartphone, so to book an appointment they have to go to someone else with a smartphone.

**How are your ideas executed today and the limits of current practice? :-**

Our idea is to make the healthcare that is clinic areas less crowded and make appointments easy and to reduce the wastage of time and monetary losses of the patients.

**The novelty of the proposed approach and why will it be successful? :-**

The novelty of this project is that we can get an appointment and the emergency services regarding healthcare on the go through the app only.

**What impact would it make on the scientific community or society? :-**

Our project makes the healthcare facilities easily accessible and saves lots of resources for the patients.

**What are suggested mid-term and long-term success indicators? :-**

Through our app clients as well as doctors get the benefits as it consumes less time for the appointments and emergency services.

## Other Technical Details

1. **Origin of the Proposal:** *(Maximum 1 page)*

*(Scientific rationale for doing this work should be elaborated)*

*The origin of this application is that we get a requirement from a clinic and when we surveyed we found overcrowding at the clinics and appointments are not that easy to be made ,so to solve these problems we work on this application.*

#### Review of status of Research and Development in the subject

* 1. **International Status:** *(Maximum 2 pages)*
  2. **National Status:** *(Maximum 1 page)*

*(Same as above to cover the contribution of Indian Scientists in the project area)*

#### Importance of the proposed project in the context of current status *(Maximum 1 page)*

In rural and sub urban areas, clinics have crowded and unorganized method for appointment and emergency cases so to solve these problems we came up with this idea.

#### If the project is location-specific, the basis for selection of location be highlighted:

Yes, our project is location-specific. It is specific to the rural area.

#### Work Plan:

* 1. **Methodology***:*

First of all, we assess a clinic and it needs according to which we made this application which consists of appointment and emergency priority of the patient which helps in reducing the overcrowding and monetary losses of the patients*.*

Then we thought of this problem and how to solve it then we thought to make a web application about appointments and services web applications are much more complex and hard to use for the rural areas so then we come up with the mobile application to make it more accessible and easy to use.

#### Time Schedule of activities giving milestones through BAR diagram.

(Maximum 1 page)

#### Suggested Plan of action for utilization of research outcome expected from the project. *(Maximum ½ page)*

#### The plan of action is to create an application that comprises of the appointment of the doctor, the department of the doctor, facilities are given by the clinic to the patient and to prioritize emergency cases to be attended.

* 1. **Environmental impact assessment and risk analysis.** *(Maximum ½ page)*

#### Expertise:

* 1. **Expertise available with the investigators in executing the project:** *( Maximum 1 page)*

**(***Professional expertise existing with each of the investigators in terms of publications, Patents and preliminary results, to execute every component of the proposal should be highlighted)*

#### Summary of roles/responsibilities for all Investigators:

|  |  |  |
| --- | --- | --- |
| Name | Roll no. | Role |
| Divyanshu Mishra | 18EARIT020 | App Prototype |
| Amit Kumar Saini | 18EARIT007 | Android Development |
| Jitesh Sharma | 18EARIT027 | Android Development |
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#### Key publications published by the Investigators pertaining to the theme of the proposal during the last 5 years