Automated Pandit Locator For Puja Service Using Machine Learning Algorithms

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Abstract: The Pandit Seva Portal assists in efficient and organized record-keeping as well as the search for the appropriate Priest (Pandit) for the purpose of selecting and retrieving user data. The user realized how difficult it was for people to locate the most qualified Pandits with the intention of organizing puja activities. Researchers developed the concept of bringing Pandits to customer's doorstep through an application that has a booking procedure that is fast and simple. The primary goal of the of this project is to allow for the online booking of Pandit's, to make comparisons with other applications of a similar kind regarding pricing, feedback, and other factors, and to offer methods to make the process of booking Pandits more streamlined. The Pandit locating application reduces the amount of time spent on clerical work, which is almost always the same and takes up the most resources. This application is an effort to assist the user in reducing the amount of work he has to do and in achieving greater efficiency. The application has been designed to provide a high level of user-friendliness. Every time a user has a requirement of Pandit for a puja, application will provide a platform to allocate a Pandit for a specific user.
Keywords: Booking,Cost, E-Pandit, Find Pandit, Puja Services.

1. Introduction:
Find Pandit is a mobile application that was designed and built in India with the forward-thinking goal of helping yajmans with all of their puja requirements. At first, the programmer was geared around assisting yajmans by supplying them with knowledgeable Pandits and information about stores in the area where they could purchase Puja Samagri. But as and when we saw an increase in our user base and analyzed their needs, we expanded our horizons. Now, we are well equipped to help them with everything from the Puja Samagri list to the Prasad recipes, which would help yajmans and make their puja preparations hassle-free, fruitful, and enjoyable. In light of the fact that we are aware that modernity must be combined with methods that are already in use, we have included internet tools into our application in a manner that is both highly efficient and very effective. Yajmans may now hold online puja in addition to the more conventional offline puja using this programmer, and they can do it on a global scale. We have only just added the option that involves constructing a Kundli and matching it, and in order to acquire results that are as exact as possible, we have used the most advanced technical resources. Since the inception of this concept, we have been committed to the notion that we would make this programmer user-friendly and that it will fulfill our aim of assisting yajmans with the preparation of their pujas. Furthermore, we continue to look forward to growing our business.

2. LITERATURE REVIEW:
The Pandit Seva Portal application helps in effective and systematic record-keeping and seeking the right Priest(Pandit)
For storing and retrieving user data[1].The Project started with aim of making Puja events, The user saw the difficulty of the people finding the best Pandits. So I have come up with an idea to bring Pandits to your doorstep with a quick and easy Booking process with our app.

Increased development in the economy and technology, leads to the increased requirements for online application. Although
Some companies provide consumers with services that are somewhat comparable to what we do, there are certain variances in the vast majority of this software[2].Videos of puja, panchangs, and horoscopes are just a few of the services offered by these application.But I am focusing more on booking the Best pandit with the best services.

Using computerized equipment and full-fledged computer software, this app aims to transition from a manual system to a computerized one. The main objective of developing this project is to book pundits online and compare them with others with respect to price feedback etc.The goal of this initiative is to streamline the booking procedure for pundits.

Book a priest online for pooja at home
It was in this turbulent field that Ashutosh Tiwari learned first-hand the challenges encountered by his family's Pandits. He and his partner Yogesh Debye put up a website that allows people to schedule Pandits for rituals online in an attempt to bring some order to the turmoil. It also discusses the rituals and provides a list of the items required to perform them. Mumbai start-up, superpandit.com, was founded by 25-year-old engineers Ashutosh Tiwari and Yogesh Debye and mentored by the city's Lemon Ideas innovation agency [3]. A strategy to

extend the company's services beyond the current four locations in which it is now offered is in the works. "My father was a priest, and I saw firsthand how difficult it was for both the devotees and the priests to conduct a pooja someplace. People were also skeptical about the need for some items. From the time I was little, I always wanted to do something to help organize this industry," Ashutosh said. As an engineering student in 2010, he registered the domain name for Super Pandit with no notion of how it will be done. A year after graduating from college, the desire to start a business grew more pronounced. As a consequence, Ashutosh and Yogesh took the head of Super Pandit in June 2014. Eco-friendly Ganesha idols and sweets from popular stores across Mumbai were sold on the site at first. It was at this point that they met Deepak Menaria from Lemon Ideas, and the adventure towards achieving the purpose of build ingot the website began. Yogesh Debye and Ashutosh Tiwari founded superpandit.com, an online booking platform for Pandits, around a year ago. Although the new, better version of services has only been in place for one month, it has already caught the attention of both priests and worshippers. Our religious practices might benefit from such end devours. No questions are asked regarding the credentials of a pujari, therefore most people have no idea what to look for. This is how phony Pandits make their money," claimed Acharya Ravi raj Mishra of Mumbai's empanelled super Pandits. It's clear that Shrikant Sharma, one of the portal's initial customers, is quite pleased with the service. "Finding Pandits and pooja ingredients on my own now seems like having to wait in line to purchase a train ticket. "This service was like ordering a ticket online," he said, adding that it is a logical step that took surprisingly long for someone to think of. "Hinduism is the only religion that does not believe in advertising itself, which is contributing to many young people becoming agnostics," co-founder Yogesh, a Brahmin, said. They should be taught the fundamentals that have a scientific and reasonable foundation," he says. According to him, the next step would be to roll out the programmer in Bangalore, Hardware, and New Delhi, respectively.

How online portals are helping priests broaden client base, boost income

As a pandit, Mohan Shukla followed in his father's footsteps a few years ago, even if he did it hesitantly. In comparison to attending the dentist, the work seemed enticing. He'd be lucky to make Rs 10,000 a month after all the overtime he put in. That's true, but it wasn't enough to live in a city as large and bustling as Mumbai. As a result, Shukla leapt at the opportunity to work for a private company. However, Shukla has returned to the pandit role. At least 10 pujas are performed by him every month. What caused Shukla to alter his mind? The Where's My Pandit webpage, a self-funded venture, was launched a year ago. As with other service aggregators, the site includes 150 Pandits who are directly linked to it [1]. When a request is received, a pandit is contacted and given instructions depending on the client's demands and his or her ability to

execute a certain puja. I am not the only one looking for Where My Pandit. Start-ups providing on-demand Pandits may not be far behind those that supply house cabs, errand runners, and supermarket shoppers. Several of these sites have gone up recently around the nation. Using a website called Priest Services, a group of priests in Kumbakonam, Tamil Nadu, was able to persuade them to return to their religious duties. Hrishikesh W, the business head of Book Your Pandit, argues that online portals have helped Pandits expand their reach, gain a large client base, and earn a solid income. There are also Pandits that perform e- pujas for devotees in Russia and the Netherlands, where there is a high demand for them. Local Pandits or similar sites may be used by the substantial Indian Diaspora living in countries like the United Kingdom and the United States. Pandit on-demand websites get the most Griha Pravesh10 puja calls (pujas held to mark the entry to a new house). The pandit receives 2,500 rupees of the 6,000 rupees paid to the customers for these pujas. Rahul Kumar, a co-founder of Ghar Ka Pandit, claims that Pandits execute up to 10 pujas a week during the peak season. For Pandits, these gateways are a gift from the gods. A pandit and colleague of Shukla, Sameer Badheka, believe websites like where's My Pandit give protection. To yet, the Pandits' sole noteworthy encounter with the digital world has been via Just Dial, a phone directory search engine. It was not, however, an ideal business model. Each inquiry was forwarded to as many as 15 Pandits at a time, co-founder Yogesh Jadhav said. The backend services provided by portals are what set them apart from the competition. Super Pandit CEO Ashutosh Tiwari thinks the portal system is more organized. According to site execs, the Pandits are first apprehensive about technology. When people recognize the advantages of a change, they tend to respond more quickly. For example, Pandits are spared the hassle of negotiating over costs since they know exactly how much Dakshina (fees) to charge. Pandits are flocking to these portals because of their capacity to guarantee a full schedule. Indian spiritual leader Mukesh Ramdev Dave, a pandit in Wakleshwar, south Mumbai, has been practicing for 12 years and makes roughly Rs 10,000 a month. "In a city like Mumbai, this is a shockingly low standard." It costs Rs. 16,000 a year for my son's schooling." Is he eager to join an online forum? E-Pandit: Automated Voice-Based System for Religious Puja's According to the findings of a study carried out by Sethi et al., individuals from both within and outside of the nation employ Pandits to perform pooja on their behalf. Because rituals and traditions are carried out in every region of the globe, we have a need for Pandits. We need a system that is capable of delivering appropriate automation in this area as well. The purpose of the programmer known as "Pandit" is to take care of everything having to do with pooja[4]. We have suggested a web-based application in this article that would give films for all Indian religions, based on religious pujas, as well as a description of the necessary Samagri. Additionally, the user would be able to interact with the video to direct the operations by providing orders. This would prevent the

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need for the hiring of Pandits and will reduce the overall cost of executing the puja. In addition, customers may check both their daily horoscope and panchangs whenever they choose to use the system. The user is required to have a one-time subscription that comes at fair prices, which they are unable to reject. The user may control the system's operation of the Video as well by making use of the speech recognition technology that is included in the system. In addition, the technology is able to facilitate the users' communication with Pandits through voice calls, allowing them to acquire information or expertise about their religious practices.

E-Pandit: Automated Voice-Based System for Religious Puja's

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OBJECTIVES

● An explanation of how the system works and how it may be improved to increase the success rate of online pandit booking.
● To list all of the criteria that are necessary for the application to run or develop.
● To provide suggestions on how to streamline the booking pandit procedure.

3. METHODOLOGY:

It is the process of acquiring and understanding information, identifying issues, and employing the facts to enhance the system. When a systems operations and relationships inside and outside the system are examined in great depth, we say that wave done an analysis. Gathering

data and analyzing it using organized tools is a necessary step as shown in figure 1.
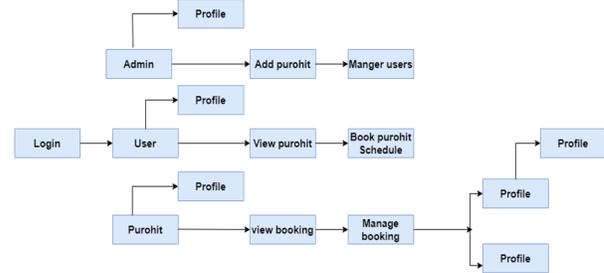

Fig 1: system architecture

4. SYSTEM IMPLEMENTATION:

System implementation is the process of bringing the developed system and turning it over to user. It can be the most crucial stage in achieving a successful new system and in giving the users confidence that the new system will work and be effective. Implementation plan or successful implementations of the system, implementation plan is necessary. Its major elements include test plan, training plans, an equipment installation plan and a conversion plan. The test plan provides for the preparations of the test ad for testing the system in a planned, structured manner. Training plan is necessary to ensure that all people who are associated with the computer related information system have the necessary knowledge and skills. The important activities are preparations, equipment installation and hardware-software checkout. Conversion is the process if initiating and performing all the physical operations that result directly in the turnover of the new system to the user. There are two parts of conversion. The conversion plan is implemented throughout the development phase into the operational phase. The conversion plan includes procedural conversion, program conversion and the file conversion.

5. RESULT:

Step 1: Users can Choose to login or register with a new Account shown in figure 2.
Step 2: Users can register a new account from this screen Shown in figure 3.
Step 3: Registered users,purohits and admin need to login via
 this screen to start using the application shown in figure 4.
Step 4: Admin can add new Purohits from this screen by entering their details shown in figure 5.
Step 5: Admin can add new categories to which the Purohits belong to such as marriage, death ceremony, house opening etc shown in figure 6.
Step 6: Admin can view all the Purohits added and can also disable their accounts in-case of any bad activity shown in figure 7.
Step7: Purohit can view the bookings people (users) have made and can then choose whether to accept or reject the booking based on their availability shown in figure 8.

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Step 8: Purohits can view their accepted bookings in this screen shown in figure 9.

Step 9: Users can book Purohits via this screen by selecting the date and time when they want to book shown in figure 10.

Fig 2: Screen Shot of Home Page
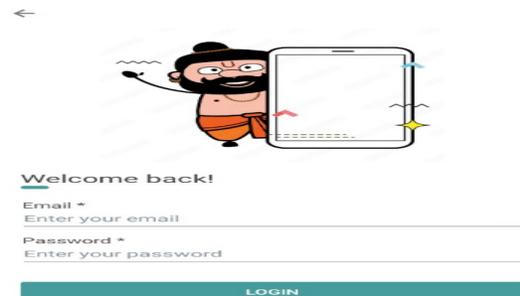

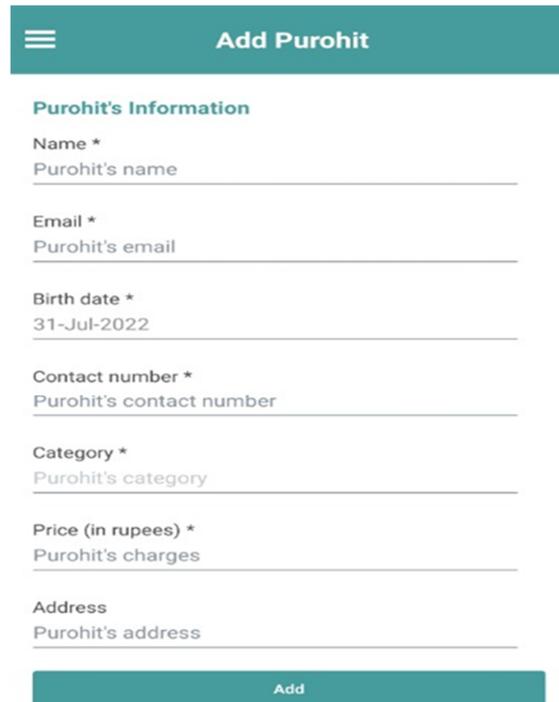**Fig 3:** Screen Shot of Registration page

Fig 4: Screen Shot of Login Page

Fig 5: Screen Shot of Add new purohit (admin)

Fig 6: Screen Shot of Categories (admin)

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Fig 7: Screen Shot of View Purohit (Admin)

Fig 8: Screen Shot of My Bookings (Purohit)

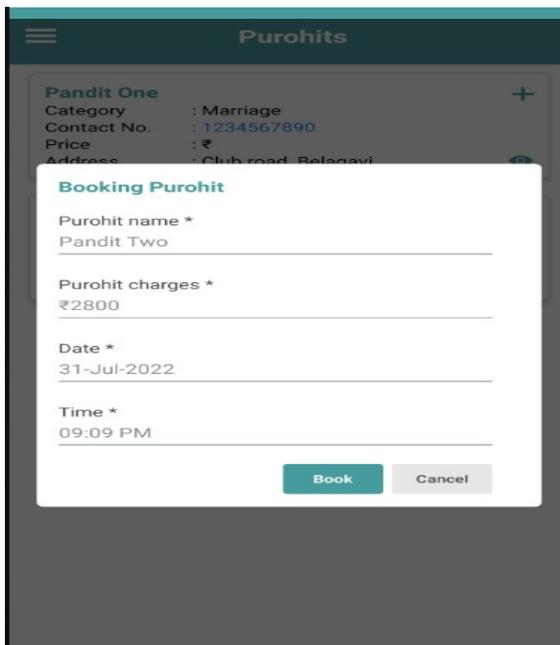**Fig 9:** Screen Shot of Schedules (Purohit)

 Fig 10: Screen Shot of Booking Purohits (Normal user)

6. CONCLUSION:

Through the use of the Find Pandit Application, we are able to reduce the amount of time spent on clerical work, which is almost always repetitive in nature and consumes the resources. This application is an attempt to aid the user in minimizing the work, time and efficiency with a minimal cost. It achieves this by assisting the user in attaining greater productivity. The software program has been developed from the bottom up with a high degree of user-friendliness as a primary design goal. In addition to error detection and error warnings, it will provide the user with an message in his login account whenever the user has a request.

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