

College : G. H. PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, V V NAGAR
 Department : Computer Engineering
 Discipline : BE
 Semester : Semester 8
 Project Name : Project Birdie
 Team ID : 87836

Form 1 – APPLICATION FOR GRANT OF PATENT

Applicants :

Sr. No	Name	Nationality	Address	Mobile No.	Email Id
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2	Patel Malav Prashant	Indian	Computer Engineering , G. H. PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, V V NAGAR , Gujarat Technological University.	9624905863	patelmalav64@gmail.com

Inventors :

Sr. No	Name	Nationality	Address	Mobile No.	Email Id
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I/We, the applicant(s) hereby declare(s) that:

Following are the attachments with the applications :

Form 2 - PROVISIONAL/COMPLETE SPECIFICATION

1 . Title of the project/invention :

Project Birdie

2. Preamble to the description :

Provisional

3. Description

a) Field of Project / Invention / Application :

- Environmental Awareness : Educate on real world problem of rapid extension of Birds over last decade

- Data Visualization : Provide interactive way of learning through means of exploration in 3D perspective

- Exploration : Engage user in activity to encourage discovery and take a stand

b) Prior Art / Background of the Project / Invention :

The Real world Problem is Unprecedented decrease in Aviation life due to development of new

technologies benefit human life but harming the nature, Less or none awareness of the problem is

being educated to human beings and humans tend to ignore such problems as part of their nature due to

the education platform and news platform does not really tend to focus on such problem apart from

environmental problems like global warming as they are not well known or no effort is given.

There are news and articles about such platform already present but they are not enough to

highlight this problem as people want something attractive and interesting thing to get focus, this does

not include the things like wildlife channels and the photographers that do exploring to get insights into wildlife but apart from that there is no other means to educate people, i.e. there are news article and static data representing websites, apps and other mediums but they are not interesting enough for people to get redirected to and use such things and are kinda boring.

To make people educate about the problem our project is trying to solve it by means of an interactive application that represents the data to user while being informative and attractive with making user involved in the activity and keeping their interest and engaging them into some social attraction that will help them get educated about the life of birds as well as getting data from them to improve the platform upon.

c) Summary of the Project / Invention :

Researcher have have found that there is a unprecedented decrease in aviation life due use of some modern technologies that make human life comfortable, this is an real world problem that we are facing similar to global warming.

Awareness in this problem is less known to people due to it not being covered extensively by traditional standards like schools and news channels, there are news and articles about it and platform to educated the children about life of birds as well as adults but they are not that interesting as they should be and if they were then problem would have been well covered.

To answer that problem this "Project Birdie" is trying to solve by making an innovative & non traditional standard way of application where the users will be edcucated to birds and their interesting life as well as bring interest to people, thus making them involved in some activity that is unique which will help further this project as well as people will look into the problem we said above as they are involved in it they tend to find and become aware and educate people about it.

d) Objects of Project / Invention :

- Make a web application that works on browsers supporting WebGL
- The Application needs to be interactive and engaging to users
- Users can perform activity in real world and share their activity to application.
- Serve data received from the users and other project that are used in project to be used by other developers in their own projects

e) Drawings :

f) Description of Project / Invention : (full detail of project) :

To Educate user about the real world problem a article and news letter does not make it that user

is now aware of the problem the user needs to be educated about birds and their environment to make user involved so he/she can understand the problem in depth and then educate others.

To achieve an interactive application the user must be able to explore in depth with various visual interface and feel that he/she can get from the application getting their interest so that they may actual learn and try to remember information, thus maybe making them involved in activity they want to seek out.

Activity is essential part of the application as it will make user actually involved into the world

of birds by making them a watch list that they could spot at their nearby location and and sharing it to

others that they spotted some birds unique to their area and making a contribution to the application as

well as for themselves and understanding the real world problem more effectively.

The contributions from the users may not be a good research images and data may not be

accurate enough to be used in high level application but it can be used as means for research

verification or other application where we want to see some trends.

To provide data from our application we may have to extract information from the minimal data

that user provides to be used for some purposes and output the data from the system to any user that

may build upon the application implement a API to deliver the data.

The API is not only be going to used for the other to offer data but on also the application front

end also, so the API needs to be flexible in getting the required data from the application.

Now to bring interest to new users and community that may help the application grow we intend

to provide a method to feature a user with good contribution that is done by him / her on various social

medias so that more people can engage in the activity.

g) Examples :

h) Claims (Not required for Provisional Application) / Unique Features of Project

- 3D visualization of data collected by various organization

- Interactive explorer to discover birds

- Contribute to all leading organization with data submitted by users

4. Claims

5. Date and signature

6. Abstract of the project / invention :

“Project Birdie” is an web application that will be an interactive and attractive platform for educating people about the birds and provide insights to them and start people in engaging in the activity that can be used to benefit environment as well as users.

Form 3 – STATEMENT AND UNDERTAKING UNDER SECTION 8

Name of the applicant(s) : I/We, Patel Shreykumar Rakeshbhai ,Patel Malav Prashant

Hereby declare :

Name,Address and Nationality of the joint applicant : (i) that I/We have not made any application for the same/substantially the same victim invention outside India.

(ii) that the rights in the application(s) has/have been assigned to

Name of the Country	Date of Application	Application Number	Status of the Application	Date of Publication	Date of Grant
N/A	N/A	N/A	N/A	N/A	N/A

(iii)That I/We undertake that upto the date of grant of the patent by the Controller, I/We would keep him informed in writing the details regarding corresponding applications for patents filed outside India within three months from the date of filing of such application.

Dated this 25 day of May 2020

To be signed by the applicant or his authorised registered patent agent :

Signature.....

Name of the Natural Person who has signed : Patel Shreykumar Rakeshbhai ,Patel Malav Prashant

To,
The Controller of Patents,
The Patent Office,
At Mumbai