

## Chicago 311

**Team Name : Garud Zhep**

**Application Name : Chicago 311**

**App\_Id : C408**

**Team Member : 1) Mitesh Patekar**

**2) Aditya Sabadra**

**Our Logo :**



**Availability :**

**URL to Android App :**

**<https://drive.google.com/file/d/0B0BACpYaM9XjWGY3MExKREZhV2s/view>**

**Chicago311 app gives the user to post complaints about Abandon vehicles, Sanitizing issues and potholes. Any user it may be visitor or resident can download the app and post a request regarding the issue in their vicinity. Users can actually click the picture of the situation and post it which gives the government get the idea of the situation more clearly**

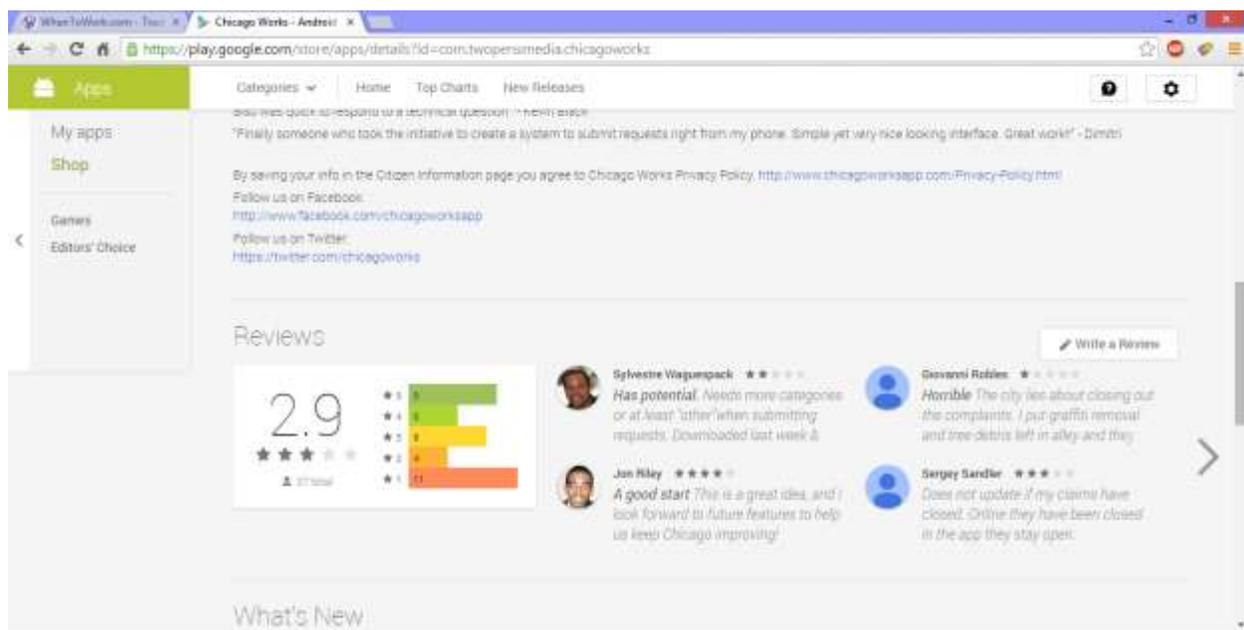
and to take the action to solve it depending on the severity of the situation. In this way People and government working together can solve the issues of Chicago and make the city better place to live. As said if government and people work together any country or city can become the best place to live.

### Platform Independent :

This application is developed using cordova platform so it can be deployed in android, Ios, and Windows. So we can deploy this app on any platform at just one click. Which makes this application scalable on multiplatform.

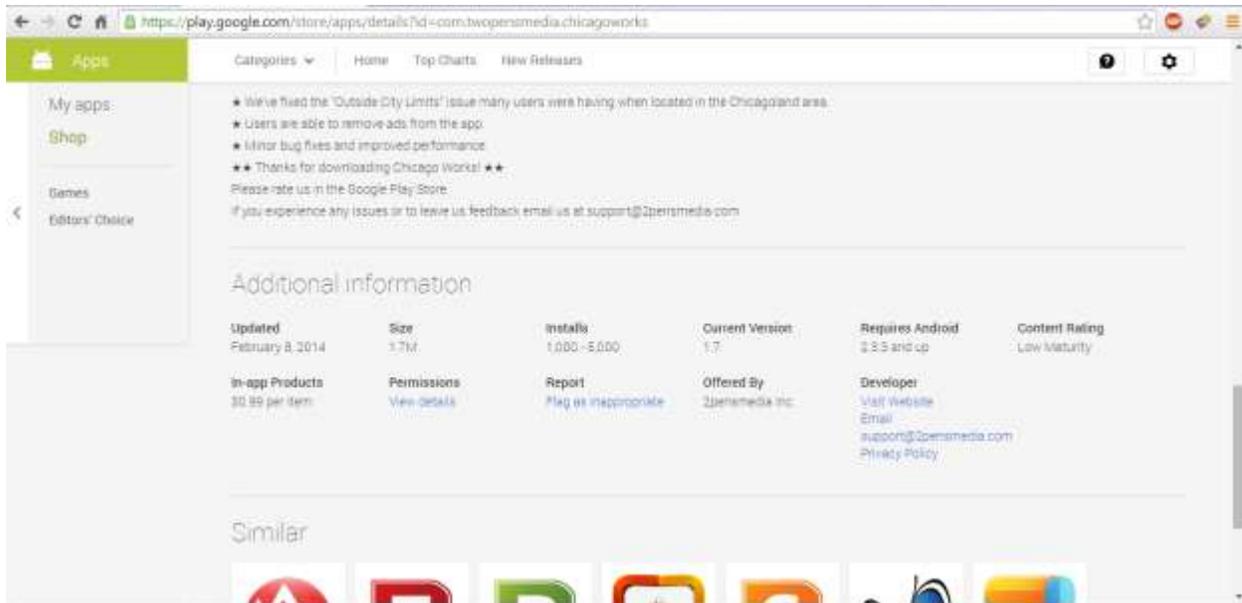
### Problem Solved:

Chicago doesn't have a specific 311 application like NYC311 or Dallas311. Chicago has one but named as "Chicago Works" which is been build on the same idea of 311 application. But it's not been well developed and no one uses it a lot as it has lots of problems and lot more to improve. Here is the screen shot of reviews for "Chicago Works" taken from Google play store :



The review says the accessibility and usability of app by the residents of Chicago, so we can imagine the application how it would be.

And the app has been download just 1000 times that's it here is the screen shot of the play store which gives us the stats how much download has been done uptil now:



***So the app is not that popular nor it's good in functionality.***

***So idea to make a good app which will be a “Chicago 311” app which will help people to post complaints, review them and that would help them to get in touch with government and solve their issues such as problem of “Potholes”, “Abandon vehicles”, “Sanitizing” etc etc. As we can add more of them as we want but for the initial phase we have just implemented three functionality just to go through it how it work.***

- 1) So” Pothole” tab a user can click the actual image of the pothole and give the specific street address where the pothole is located. We have planned to implement a Google Map API for this but for initial phase we are getting the address from the user as it will help user to give the specific street address. Also user can see the status of their complaint is the complaint in progress or completed.***
- 2) “Abandon Vehicles” user will give the user to notify about the abandon vehicles in their community and that will the city of Chicago government to clear those vehicles and keep their city and community clean. User can click the picture of the car and submit it with the application this is the unique feature we have added in our app for all the tabs and giving user and government to get the clear picture about the condition.***
- 3) Sanitizing tab will give the user to put the request regarding the garbage and dirty conditions in their vicinity. User can actually click the picture of the area and submit it so that it will give the clear idea about how’s the condition is in their area and it will help government to take appropriate action. So it help the user to get their vicinity cleaned up and which will help the government to keep track of the areas which are not been cleaned on regularly basis.***

*We have used different data from city of Chicago data portal site here are the links:*

### **311 Service Requests - Sanitation Code Complaints :**

The Sanitation code complaints data was very helpful as it gave us to view the problems of the user and what sanitation problems are there and their severity. So it made us to think and what all is important to implement and problems need to be solved gave us the general idea which lead us to implementing them.

### **311 Service Requests - Abandoned Vehicles**

Due to large number of crime and robbery in city there are many possibilities where a vehicle has been left by some culprit and which in future can lead to severe problems. So Abandon vehicles are also main concern so this data gave us to study where its more and how what are the problems due to abandon vehicles in the neighbourhood

### **311 Service Requests - Pot Holes Reported**

Potholes problem is also one of important concern as Chicago gets a lot of snow and there are many commuters everyday so there are many chances of potholes on roads. So potholes data is important for getting the information and description of potholes where they are their location and their picture.

### *Intended Audience :*

- 1) Residents*
- 2) Visitors*
- 3) Businesses*
- 4) Everyone*