



HACKATHON '17

World's Biggest Hackathon

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Ministry of Road Transport and Highways

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Ministry of Road Transport and Highways

Ministry of Road Transport and Highways, is the apex body for formulation and administration of the rules, regulations and laws relating to road transport, and transport research, in order to increase the mobility and efficiency of the road transport system in India. In India, roads are used to transport over 60% of the total goods and 85% of the passenger traffic. For Smart India Hackathon 2017, the Ministry is looking for digital solutions to

24 real time problems faced by them.

Weight of vehicle

#RH24

Total Submissions : 26



Sample data required: No

PARTICIPATE



Potential of Digilocker

#RH23

Total Submissions : 27

Driving Licenses and Vehicle Registration Certificates can now be accessed through Mobile App. integration of DigiLocker with Driving Licenses (DL) & Vehicle Registration Certificates (RC). With this integration people no longer need to carry around physical copies of their RCs and Driving Licences. They can instead access digital copies of the same on their mobile phones via the DigiLocker mobile app. We want further development of app to check the insurance as well as pollution expiry details through same app.

Sample data required: No

PARTICIPATE



Games on Transport

#RH22

Total Submissions : 16

A app game on Transport is required to teach the new people how to drive on road. Game should incentivize following of traffic rules and discourage, by means of penalties, the breaking of traffic rules.

Sample data required: No

PARTICIPATE





There is a huge network of road in India. An app to search how many flyovers are being constructed, length of flyovers, cost of flyover, a process to monitor the flyover if any maintenance is required. Who was the person who made the flyover etc.

Sample data required: No

PARTICIPATE



Mobile & Tour bills reimbursement

#RH20

Total Submissions : 8

Ministry of Road Transport has offices spread across India. Through an app, the employees should be able to claim Mobile bills and tour bills online.

Sample Data Required: No

PARTICIPATE



Leave management system

#RH19

Total Submissions : 26

Employee can apply leave through app/portal. A solution to this problem needs to be developed which is effective and cost efficient.

Sample Data Required: No



#RH18

Total Submissions : 41

We can check the huge traffic area and if we are travelling through that area a notification should be received that this area has huge traffic. A solution to this problem needs to be developed which is effective and cost efficient.

Sample Data Required: No

PARTICIPATE



Pollution check

#RH17

Total Submissions : 26

Air pollution is high in many cities in India. Due to resource constrain, the pollution check is not captured. A solution to this problem needs to be developed which is effective and cost efficient.

Sample Data Required: No

PARTICIPATE



Grocery Stores/Restaurants

#RH16

Total Submissions : 16

An app to locate grocery stores/restaurants along the National Highways with details regarding time of operation and types of foods.



[INAM-Pro mobile app](#)

#RH15

Total Submissions : 7

INAM-Pro is a web based common platform for Infrastructure and Materials Providers and their Buyers to conduct business in a free and fair manner with utmost transparency. A mobile app is required to allow the full user and product registration functionality, facilitate placing of orders, viewing of orders, and scheduling of deliveries.

Sample Data Required: Yes

PARTICIPATE



[INFRACON mobile app](#)

#RH14

Total Submissions : 4

“INFRACON” has been developed by NHIDCL as a comprehensive National Portal for Infrastructure Consultancy firms & Key Personnel. The Portal has the facility to host Firms, and Personnel CVs and Credentials online. A mobile app is needed to enable firms to apply for a tender, generate a Team IDs, enable Key Personnel to accept request for any tender, and authorize the clients to make changes to a tender.

Sample Data Required: Yes

PARTICIPATE



[Area speeding check](#)



vehicle and relayed to the authorities for due action.

Sample Data Required: No

PARTICIPATE



Bypass

#RH12

Total Submissions : 7

If we are travelling through a city and there is a option of bypass then through this app we can check the same.

Sample data required: No

PARTICIPATE



Online appointment

#RH11

Total Submissions : 13

Ministry of Road Transport has footfall of many citizens on a daily basis. Appointment should be done through this app with a notification and reminder option. The person with whom an appointment is sought, has the privilege to accept the request or decline it with a reason.

Sample Data Required: No

PARTICIPATE





Ministry of Road Transport has offices spread across India. The app should geo-tag all the offices so that the competent authorities can be easily found with contact number, department name, address etc.

Sample Data Required: No

PARTICIPATE



Police booth

#RH9

Total Submissions : 17

An app to locate nearest police station along the National Highways with details regarding name and contact details of SHO.

Sample data required: No

PARTICIPATE



Petrol pump

#RH8

Total Submissions : 22

An app to locate nearest petrol pump along the National Highways with details regarding time of operation and other services available.

Sample data required: No

PARTICIPATE





An app to locate nearest bus stop along the National Highways with details regarding schedule of buses passing and other facilities, if any available.

Sample data required: No

PARTICIPATE



[Nearest railway station](#)

#RH6

Total Submissions : 22

An app to locate nearest railway station along the National Highways with details regarding schedule of trains passing, and other facilities available at the station.

Sample data required: No

PARTICIPATE



[Public Toilets](#)

#RH5

Total Submissions : 15

An app to locate public toilets along the National Highways with details regarding time of operation and other services available.

Sample data required: No

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In case of tyre burst/puncture, the nearest mechanic with contact details can be found through the app. The mechanics can be registered on the app and they will receive a notification for a nominal charge.

Sample Data Required: No

PARTICIPATE



Online Toll payment system

#RH3

Total Submissions : 107

1-2 km before the toll plaza, a notification should be received on the mobile phone of the approaching user with Toll Name and amount of applicable Toll Fee. Payment can be facilitated through mobile wallets and credit cards payment integration. An electronic receipt be generated, with bar code/QR code which can be shown at the Toll Booth. A list for all the toll plaza and respective services to be made available in the app.

Sample Data Required: No

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Emergency care services/Hospitals

#RH2

Total Submissions : 21

There should be standardized toll free national access number to call for emergency medical help near National Highways.

Sample Data Required: No



#RH1

Total Submissions : 71

In case of accident, user is directed to nearest ambulance service, through the app. A list for all ambulance services to be prepared and mapped in the app, along with contact details as well as calling through the app facility.

Sample Data Required: No

PARTICIPATE



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