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March 29, 2017

Arrive Dry And Safe - A Better Way To Travel

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Recommended Citation

Serpenti, Gaston; Schutte, Jort; Mitchell, Cleo; Scott, Irina; Brook, Jeremy; and Mayo, Sam, "Arrive Dry And Safe - A Better Way To Travel", Technical Disclosure Commons, (March 29, 2017)
http://www.tdcommons.org/dpubs_series/453



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ARRIVE DRY AND SAFE - A BETTER WAY TO TRAVEL

ABSTRACT

Disclosed herein are a system and method providing a better way to travel to one's destination. The system includes an app that provides push notifications to users regarding weather changes and also provides prior forecast intimation if weather conditions are likely to affect the schedule based on predicted commutes of the user. The app provides integration of weather information with activity, location, speed, maps data and calendar functions. The app suggests solutions which would guide the user to pre-plan, postpone, re-route or reschedule the earlier plan in order to avoid any disruption. Depending on the user's selection, the app will re-route the ride or offer helpful follow-up actions in case a delay is predicted. The disclosed method addresses weather and other inhibiting factors for commuting by bike and could potentially be useful even for automated transport or movement of goods and services.

BACKGROUND

Over half the world's population lives in cities and urban areas, and over the next thirty years, around 2 billion more people are expected to join them. It is therefore desirable to solving issues with urban mobility especially with regard to higher density populations, congestion, safety, pollution and interpersonal friction. Cycling has been identified as one solution to this problem. Biking to work is widely documented to improve an individual's health and wealth. Even the environment is benefited as there would be a decrease in the use of cars with a positive impact at a societal level by way of reduced noise and air pollution, savings on infrastructure, maintenance and healthcare, and also business savings through less employee absenteeism.

However, adoption of cycling as a commute option has varied levels across countries. A survey found 50.8% of New Yorkers and 36.6% of non-biking Londoners have issues with the perceived distance to their destination and 9.1% and 12% that say no to biking because of

weather related issues, combined with 28% of people not cycling, because they perceive it to be too dangerous. So a mechanism to remove every single barrier to commuting by bike in the world's cities is desirable.

DESCRIPTION

A system and method providing a better way to travel to one's destination is disclosed. As illustrated in a FIG. 1, the system includes an app installed on the user's phone that provides various updates including weather to aid scheduling or commuting decisions. The app provides push notifications to users regarding weather changes and also provides prior forecast intimation if weather conditions are likely to affect the schedule based on predicted bike commutes of the user. For example, it may provide integration of weather information with activity, location, speed, maps data and calendar functions. Further, the app would provide alternative suggestions in case a delay is expected and also re-route ride in mapping program.

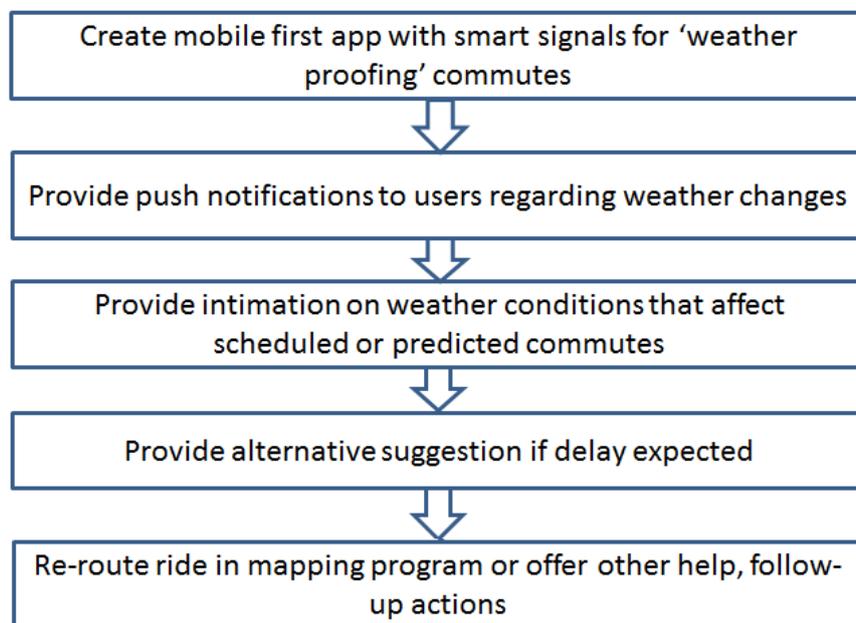


FIG. 1: Method of providing assistance to bike commuters

Along with the weather, the app suggests solutions which would guide the user to preplan, postpone, reroute or reschedule the earlier plan in order to avoid any disruption.

Depending on the user's selection, the app will then re-route the ride or offer helpful follow-up actions in case a delay is predicted. The suggestions may be for example: "Leave 10 minutes earlier to beat the rain", "Here's an alternative route to make your meeting on time" or "Take a raincoat, it's wet". Depending on user's selection, the app will then re-route your ride or offer helpful follow-up actions like 're-schedule your 10 am meeting' if a delay is anticipated.

The disclosed method addresses weather and other inhibiting factors for commuting by bike, to different issues around movement of people, and could potentially be useful even for automated (without people) transport or movement of goods and services.