

## Use Story for 'Lost-and-Found' Application

Shirley is an aerospace scientist working in NASA. She went through a really busy time yesterday. In the morning, she visited Building 19 to discuss a new soon-to-be-initiated project with a professor in CMU. After a quick lunch in Barcelona Cafe, she attended a secret meeting held by the military in an anonymous building which special permission is required for entrance. Then in the late afternoon, she came to know an old friend was to come to visit the Singularity University tonight. She would never miss the chance to chat with an old friend haven't seen in nearly decade. She came home at around 9 o'clock. Unfortunately, she couldn't find her keys! After checking through all pockets and the handbag, she had to wait outside the door with an exhausted body for her roommate, who was having fun with a birthday party, to come back home. But even worse, she could not remember where she forgot her keys among those places she had visited in the daytime. After calling the NASA Ames Protective Services Non-Emergency Line this morning, the only choice for her is just to wait, for a possible finder contact NASA, return the keys and then NASA contact her.

Steven is a master student in Carnegie Mellon University at Silicon Valley Campus. He found a set of keys at the hallway in Building 19 yesterday morning. He thought the owner might be other students or staff inside the campus and gave the keys to the campus administrative staff.

Apparently, in this case, Shirley will never get contacted by the NASA Ames Protective Services Non-Emergency Line and the keys will be continuing lying in the CMU administrative staff's desk. Will CMU contact NASA? Of course, but it will happen only after they confirm the owner is not CMUers. It will definitely take a long time! Let's step to another story seeing how our product makes a difference.

Eric found a brown purse on the central lawn in NASA yesterday. He thought there might someone playing rugby before and lost this purse. He opened his Android cell phone and started the app 'Lost-And-Found in NASA'. After logging in with his own username and password, he opened a new event in 'Founder' mode. He first shared his location and time to the database to identify where he found the purse. Secondly, he took two photos of the purse and uploaded to the database. And then, he was ask to design three questions about the purse. Eric opened the purse and saw one Student ID card of CMU as well as some cashes. Then he typed three questions as followed:

1. Brand of the purse:

2. Name on the Student ID card:

3. Amount of cashes:

Finally, he chose 'contact me' in the system if a possible owner is trying to get it back. Then, he continued to NASA swimming pool for he regular daily work-out.

Angela is a lovely and energetic Chinese girl studying in the Electrical and Computer Engineering program in CMU-SV. She had a chance to try rugby, a sport she did not have any idea before, with her Indian classmates yesterday. She had a really great time. However, she could not find her purse when she would be having dinner with her friends. One of her friend calmed her agitated mind and recommended the local app 'Lost-and-Found'. She downloaded the app and created an account with her email address. She opened a new event in 'Owner' mode. She searched through the database using 'purse' as a key word. Then she checked all lost locations and choose the item 'NASA Central Lawn'. After answering three questions about the purse, she was told to wait for the founder's confirmation.

Eric received a notification from the app with someone's answers about the purse:

1. Brand of the purse: LV

2. Name on the Student ID card: Angela

3. Amount of cashes: 20

Correct! After this identification and authentication, Eric believed that girl must be the owner of the purse. He chose 'pass' for the system and waited for the girl contacting him. Meanwhile, Angela received a notification from the app informing she pass the identification and authentication, and two pictures of the purse were showed on the screen. She confirmed the purse is hers. And then the founder's email address was provided by the system.

Angela and Eric met at Building 23 this morning. Of course Eric returned the purse to Angela, and Angela was very appreciated of Eric. What will come next? Will they become friends? Or will this be the very beginning of a romantic love story? Who knows!