**Intake 37 Project Proposal**

**Project Name: LOST & FOUND**

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**Group: LOST & FOUND**

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**Date Presented: 02/04/2017**

Website

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| 1. What is the *problem*?(Explain briefly the problem from the business point of view) | | |
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| The problem is divided into two categories { people, others }  - people  In our country a major problem regarding security is missing people wether it’s a kidnap  incedint or just lost their way specially kids and about the people whom were found by  others either lost or with panhandler. We try to tackle this problem by providing the neccessary means to connect those people together so we can reduce these incedints.  - others { including animals }  How many times you lost a holding and never found it?  How many times you tried to buy used items and couldn’t verify it?  How many times you found an item and couldn’t find its owner?  The problem as listed above is about unidentified items, we try to connect people together in order to the rightful owners to retrieve their items. | | |
| 1. What is your *IT proposed solution*?(How the technology can help in solving the problem) | | |
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| We intend to solve this problem by providing a system connected to website and mobile app that uses this system as a service.  We’ll try to connect people from all over the country.  Our goal is to create a system that will enable users to post about their missing family and search for best matches through specified techniques using image processing and machine learning techniques such as deep learning.  Also for lost items we’ll need techniques to match description of lost items and connect both sides securely. | | |
| 1. Who are the *beneficiaries*? (Size and importance of the segment that you'll focus on) | | |
| We target everyone who lost someone or something also everyone who found someone or something and wishes it to return to its rightful owner.  Also we’ll help the official organizations to ease their work with extra productivity. | | |
|  | 1. **How are you going to be different among others who have tackled the same problem before?**    1. **Mention *what others have done* about the problem**    2. ***Compare your solution to other solutions* presented**    3. **Present clearly *your competitive advantage*** | |
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| a. Facebook groups and pages, some mobile [app](https://play.google.com/store/apps/details?id=com.soa.kashlostfound)  b and c.  - Our system will be centralized and managed, project is of 3 parts connected together, first is project core service and second is website and third is mobile app, all connected together on the system.  - our system will consider lost people, pets and items.  - our system will be organized and categorized in easy to use way.  - there will be co-operation between our system and governmental sides we will provide them with specified dashboards to manage their parts of the system.  - we will provide statistics to whom it may concern  - every thing will be securely managed specially connections between all sides.  - all suers will be verified to avoid fraud and fake things. | | |
|  | 1. **What is/are the *service(s)* that you'll present in the application?(List the service(s) presented)** | |
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| List of services:  – For Normal Users  - system will provide two sections one for people, other for pets and items.  - user can browse contents by categories or locations.  - user can search for people, pets or items by image or description.  - user can register to the system and verified by verification methods.  - registered verified users can post about missing/lost or stolen people or pets / items.  - registered verified users can post about found people, pets or items.  - the system will provide secure surveillance communication channel.  – For Admin Users:  - there will be dashboard to control the system.  - their will be dashboard for the postal office admin to manage their part.  - their will be dashboard for the ministry of interior affairs admin to manage their part.  - their will be dashboard for the Veterinary Quarantine admin to manage their part.  - the system will provide statistics to whom it may concern.   |  |  | | --- | --- | |  | 1. **What are the *technologies* used?** |   – For the design:  - Photoshop cc - Illustrator cc - HTML - CSS - SASS - Java script - Jquery  - Angular-JS  – For the system & the website:  1- for the web Application  - Programming languages: PHP [Laravel] / Python[Django] / Ruby[Rails] / NodeJS [Express]  - Deep learning  - Image processing  - Database: mySQL / mongoDB  - Microsoft face API  - Verification via SMS  2- for the mobile Application  - Cross platform application technologies [phoneGap / Ionic]  - SQLite   |  |  | | --- | --- | |  | 1. **What are the *resources* needed?** |   - Microsoft Face API Pro.  - Dedicated Cloud Server.  - Domain and Hosting. | | |