X GROUND TRAINING – A ONE STOP SOLUTION FOR STUDENT PILOTS IN SRI LANKA

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Abstract

Industry of aviation is known for its marvel ever since the Wright brothers discovered the flight. With time the complications of operating a flight has increased by many folds which also is a reason that an individual must undergo formal training to be able to operate a flight. However, this training includes a vast array of factors to be taken into account considering the fast pacing growth in the field.

When focusing on the Sri Lankan aviation industry, it's quite clear that compared to the global standards there is a lot of room for improvement. The time and money invested by Sri Lankan aspiring pilots is much higher than that when compared globally which proves that the need of the hour is to analyze the address the requirements that the Sri Lankan aviation industry needs to churn out better quality graduates on par with the global standards.

The aim of the project was to understand how to digitize the ground straining and the flying school training processes. This will enable the students to have access to their progress in the course and allows the instructors to be updated on what is happening with the trainees and help them in areas where they require more help. The proposed solution is to be advantageous to all the stakeholders involved in the course period of an individual.

The developed solution is an app based system that helps manage the components involved in the above mentioned process. The developed solution was then evaluated through domain experts, technological experts to make sure it serves the purpose.

Keywords: Flying school, Ground training, progress, instructors to be updated