



AUTOMATIC TICKETING MACHINE

DELIVERABLE 1

by

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**A
submission in partial fulfillment
of the requirements of
COEN 6312**

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Team Name:

Skylarks.

Vision Statement:

To automate and simplify ticketing services.

Mission Statement:

To automate the process of buying tickets and recharging public transit passes through a quality software integrated system that is user friendly.

Names, Student IDs and Email Addresses of Team Members:

1. AKINRINADE, Oyeyemi Akintoyese (Student ID: 27017766)

I was a Customer Engineer for Hewlett Packard in West Africa and my background is Electrical & Computer Engineering.

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2. MAKKAR, Gagandeep Kaur (Student ID: 26613748)

I was an Assistant Professor in India and my research area is Object Oriented Design and Software Metrics.

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3. Gagandeep Kaur (Student ID: 27683731)

I am a Teaching Assistant and a Master's level student in Electrical and Computer Engineering, Concordia University.

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I am a graduate student enrolled in Software Engineering, Concordia University.

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Reason for our interest in the domain:

In many countries, ticketing process is operated by inspectors and conductors which is called manual fare collection system. Usually, issuing ticket is a time consuming process which results in long queues, especially during busy hours like morning or at the start of month. In order to reduce the required number of salespersons and to expedite the transaction process, ticket machine becomes a better alternative.