

1.0 INTRODUCTION

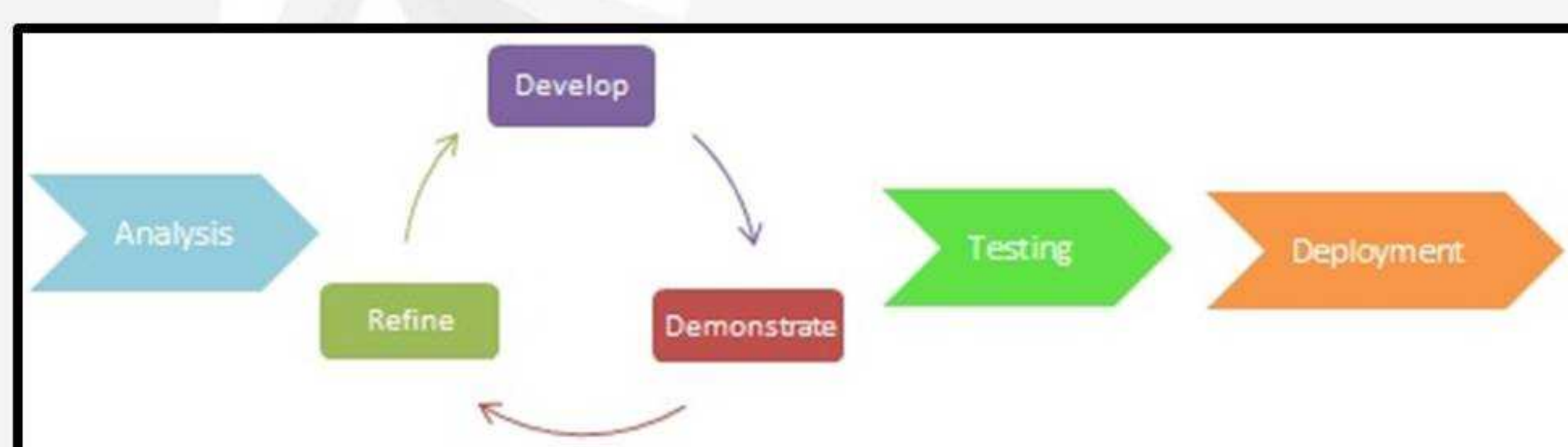
- The need to monitor the student movement record during the curfew period is increasingly important to avoid unwanted situations on campus.
- The project consists of a web based system that collects the data of the student movement by scanning their matric card and presenting it to security officer and college principal.

2.0 OBJECTIVES

- To design and develop an online system that transforms the current data collection method from manual to a computerized system.
- To provide role-based access which limits the type of activities and information presented to the end-users.
- To include reporting and analysis module for illustration and analysis of student movement data.

3.0 METHODOLOGY

- Rapid Application Development (RAD)



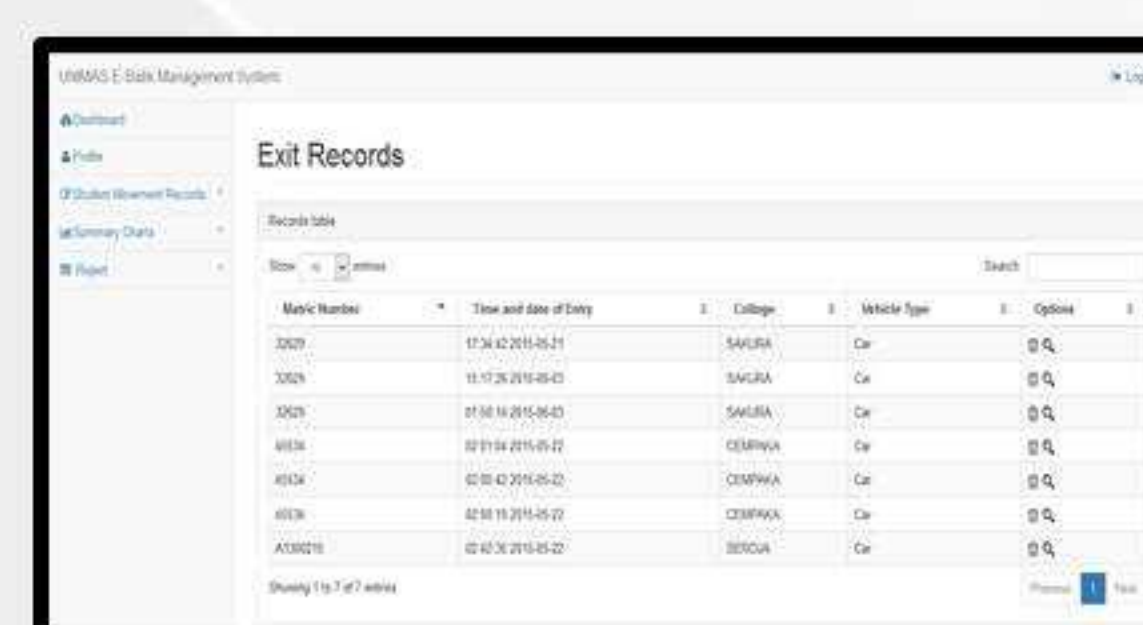
4.0 PROTOTYPE



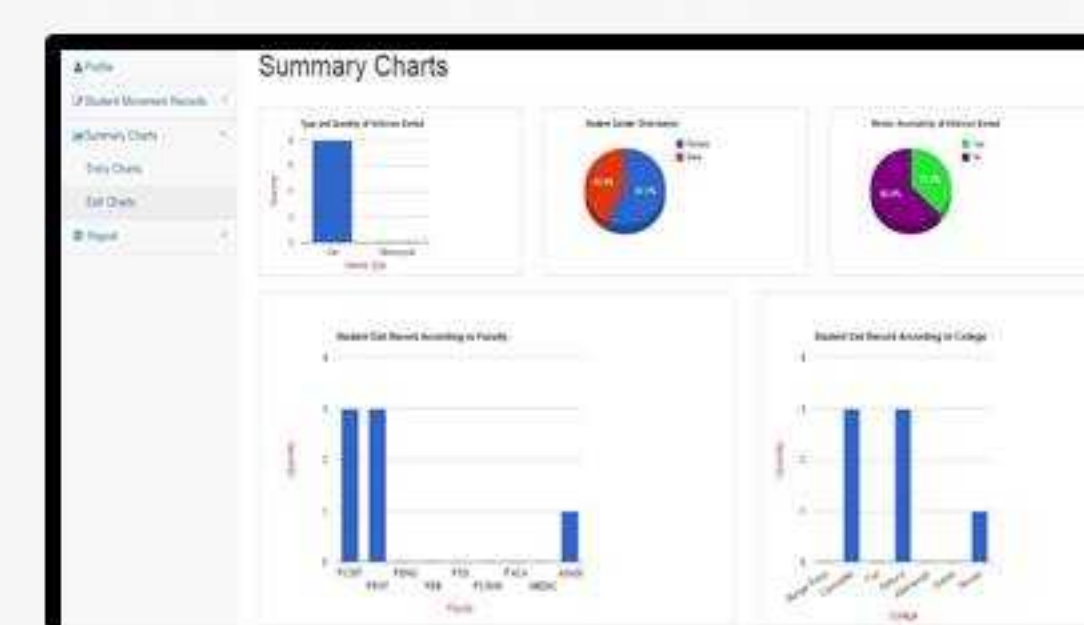
Scan Page



Scan Result Page



Records page



Charts page



Matric Number	Name	College	Vehicle Type	Vehicle Number	Exit Date	Exit Time	Exit Status
1000	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1000	2019-01-01	10:00	OK
1001	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1001	2019-01-01	10:05	OK
1002	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1002	2019-01-01	10:10	OK
1003	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1003	2019-01-01	10:15	OK
1004	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1004	2019-01-01	10:20	OK
1005	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1005	2019-01-01	10:25	OK
1006	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1006	2019-01-01	10:30	OK
1007	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1007	2019-01-01	10:35	OK
1008	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1008	2019-01-01	10:40	OK
1009	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1009	2019-01-01	10:45	OK
1010	PUVANAMALA SIVAVIKKRAMAN	SWALIA	Car	1010	2019-01-01	10:50	OK

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5.0 COMMERCIAL POTENTIAL

- Can be used as a security system for other universities.
- Can be altered to be used as an attendance system in companies or even the university.

6.0 SUMMARY

- This project provides an easy way for security personnel to check if a student is a college resident.
- This will ensure the validity and credibility of the student movement records.