



**OBJECT ORIENTED PROGRAMMING
TEB 1043**

**TITLE: OOP PROJECT PROPOSAL
PROJECT NAME: BELLSROYALEZ LAUNDRY**

TEAM ORGANISATION

NAME	STUDENT ID
Nur Nabilah Binti Mohamed Nasir	22007312
Nur Khairina Binti Abdul Halim	22007587
Nur Mahirah Binti Ramlan	22007303
Nur Arina Qistina Binti Ahmad Yusoff	22006939
Nicolle Castorennny Anak Benny	22007197

FACULTY OF SCIENCE AND INFORMATION TECHNOLOGY

INTRODUCTION

PROBLEM FACED

1. The main problem and agenda that our team decided to make BellsRoyalez Laundry is because most of the laundry users are students, full time working adults or someone that rushes in time. Therefore, these apps help them to save time and are more convenient as they don't have to check the washing machine or dryer's availability or time left. As usually, people tend to keep checking the machine physically which it will take much more time while they can use their precious time by settling their things
2. People tend to be cashless as the revolution of technology. Hence, not many laundry companies are offering their users to pay via ewallet. That will be a burden for someone that is cashless and doesn't have change.
3. Other than that, humans will not run away from forgetfulness. Almost all laundry users forget their time that their laundry is done since there is no reminder that will alert them regarding their laundry. Hence, it will burden the next user because they have to wait for the laundry to be free to use by them.

THE SOLUTION

1. This app offers a feature that allows users to quickly check the status of the dryers and washing machines in the laundry room. With this function, users can also see how much time is left on each machine and therefore strategically plan when they might need to go to the laundry in person.
2. Our solution to the second major issue is for users to be able to pay for their laundry by converting their cash into laundry coins via e-wallets or online banking. The users would definitely benefit from this because they would no longer need to bring cash to the laundry.
3. We added the feature where the next machine user can contact the previous user to alert them by texting them easily on the app. Also, we also have the feature where the apps will alert the current machine user by giving reminders and notifications when the machines have only five minutes to run.