

**UNIVERSITI TEKNOLOGI MARA**

**FOOD DESPATCHING WEB  
APPLICATION FOR UITM JASIN  
COLLEGE RESIDENTS USING  
PRIORITY QUEUING TECHNIQUE**

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## **ABSTRACT**

Food is very important nowadays for students as they must consume enough food for energy. The food availability is very limited in UiTM Jasin as the majority of the college residents are diploma students which diploma and degree students have different session. The college cafeterias also closed whenever the diploma students are on leave. Students also have problem on transportation. They need transport to go outside to get food because of the location of restaurants are far away. The Food Despatching Web Application for UiTM Jasin College Residents (FooDes) is aimed to allow user to make and receive food order. Next is to develop the web application using priority queuing technique and to test the functionality of the system. Although there are many food delivery services outside, but most of the services are not covered until UiTM Jasin area. Hence, FooDes's menu is listed based on restaurants at Merlimau and Jasin. Research methodology used is agile methodology. Functionality testing has been carried out and the result shown that the despatcher can get side income from the FooDes. Overall, there is still enhancement that could be proposed for this project in the future such as provide notification to customer and developed in mobile platform.

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