

Mobile App purchase for Coffee machine

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Thesis description <ul style="list-style-type: none">• Most of the students don't want to wait in a queue.• Buying a product online is popular.• Easy transaction is needed for fast process. Conclusion <ul style="list-style-type: none">• A coffee machine that can handle online transactions and orders needed.	Objective <ul style="list-style-type: none">• A coffee machine that takes orders from a mobile app. Also this machine should be able to accept mobile app transactions and serve coffee(s) when it needed. Approach <ul style="list-style-type: none">• Review related technology that used for online transactions.• Develop system requirements and use cases.• Sketching prototype of the machine and defining use cases.• Developing software and testing of the software.• Hardware implementation to the machine for connection.• Deployment of the machine.
Schedule <ul style="list-style-type: none">• Review & analyze related technology – 01/02/21• Requirements and use cases – 03/02/21• Prototype building and concept verification 07/02/21• Software development and testing – 01/03/21• Hardware implementation for the coffee machine (communication for the smartphones) – 08/03/21• Validation of use cases – 15/03/21• Deployment of the machine – 25/03/21	Miscellaneous Benefits <ul style="list-style-type: none">• Queue reduction in front of the machine.• Easy transaction with mobile app. No longer for coin searching.• Receiving coffee fast and easy.