Identify Texture of MRI Human Brain using Adaptive Fuzzy C-Means (AFCM) Algorithm

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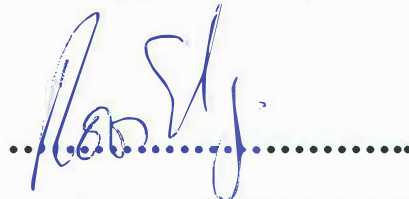
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Declaration

I certify that the project submitted is my original work except for quotations and citations which have been duly acknowledged. I also declare that the work has not been submitted previously or currently for any other degree at UiTM or any other institutions.

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The most gracious and the most Merciful

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ABSTRACT

In the past few years, segmentation and classification techniques for identify texture has been implemented in many areas especially in human brain. The method for identify texture of human brain is a great help for medical analysis. The result of this research can be uses for segmentation and classification process. To access its viability, a prototype with interactive graphical user interface (GUI) was developed and tested for its reliability. The main objective of this research is to develop a prototype that use Adaptive Fuzzy C-Means (AFCM) algorithm to identify texture of human brain.