

**APPROVAL PAGE**

**CONSUMER BEHAVIOUR PATTERN IDENTIFICATION ANALYSIS  
USING BIG DATA APPROACH**

Proposed as one of the requirements for obtaining a bachelor degree from  
International ICT Business Bachelor Study Program

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**1<sup>st</sup> Supervisor,**

A blue ink signature of Herry Irawan, consisting of a large, flowing loop followed by a more structured signature.

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A blue ink signature of Sri Widiyanesti, featuring a stylized, somewhat abstract script.

**Sri Widiyanesti, S.T., M.M.**

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