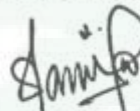


Thesis:

**The Effect of Problem Based Learning Dalihan Na Tolu Model on Student's
Collaboration and Critical Thinking on Excretory System Topic in
SMA Negeri 1 Panombea Panel**

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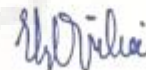
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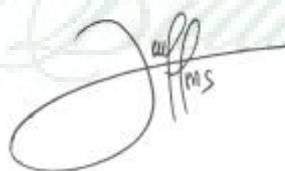
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