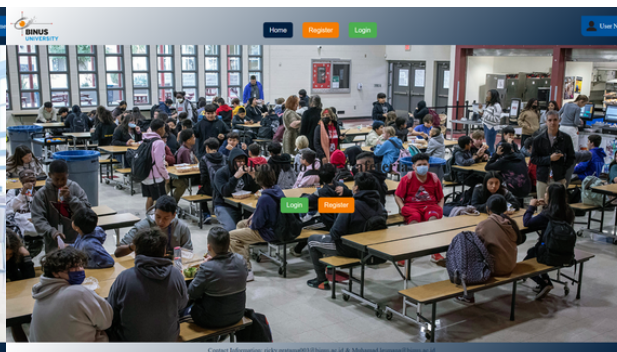
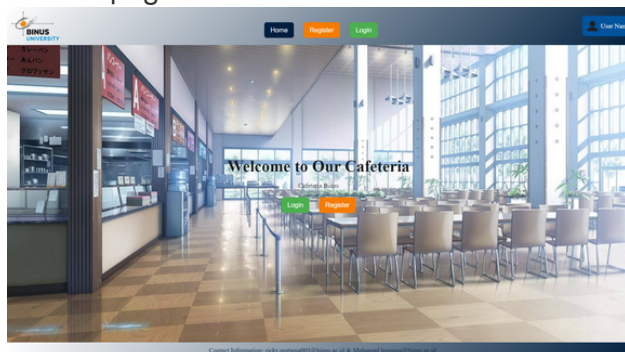
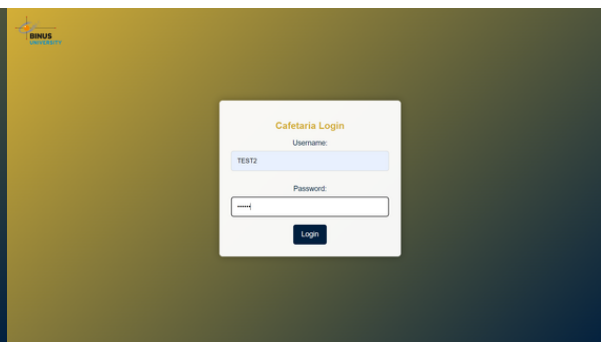
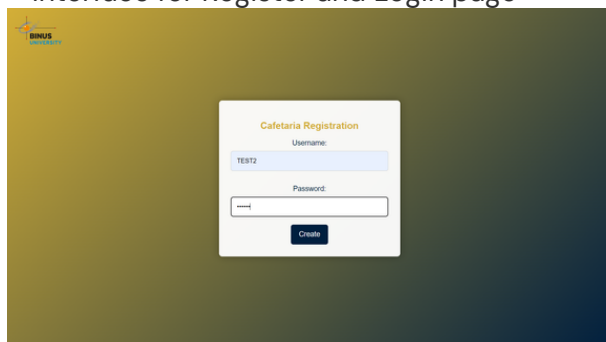


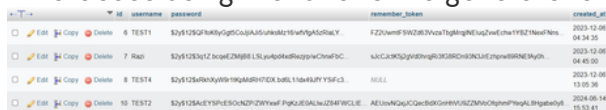
- System to make a self-reservation on canteen
 - Homepage interface



- Interface for Register and Login page



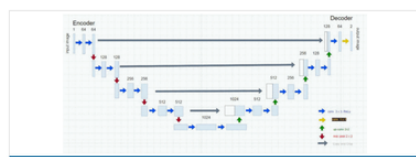
- Database using the function to generate random word for password and Self-Reserve interface



- Create a research paper about influence of parameter for MAE and model fit
– link : <https://ieeexplore.ieee.org/document/10284637>

F. Architecture

The u-net Architecture consists of an encoder-decoder that is used to process the image denoise. Encoder work to progress downs sampled through a series of convolutional and pooling layers in the encoder network. This process helps extract hierarchical features from the image, capturing both low-level and high-level representations and the decoder uses the encoded feature to representation and then up sampled through a series of convolutional and up sampling layers in the decoder network. This step aims to reconstruct the original image resolution while maintaining the learned features.



A. Results

Table I. Mac comparison

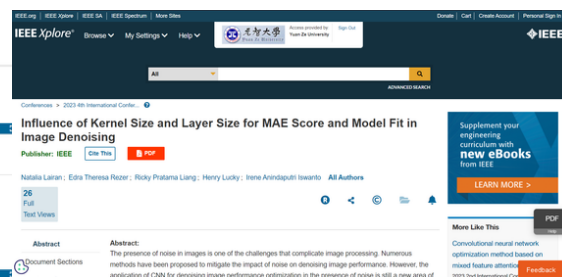
KS/L5	64	128	256
2	0.161	0.149	0.124
3	0.098	0.087	0.070
4	0.101	0.081	0.078

*KS = Kernel Size, LS = Layer Size

Model fit comparison:

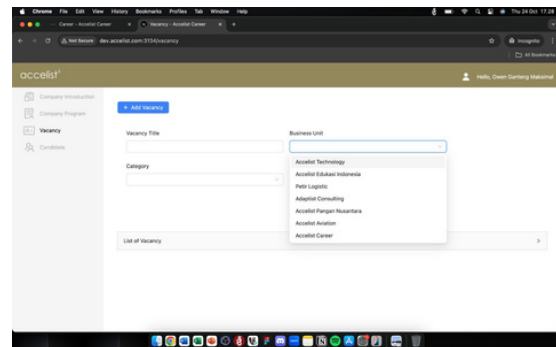
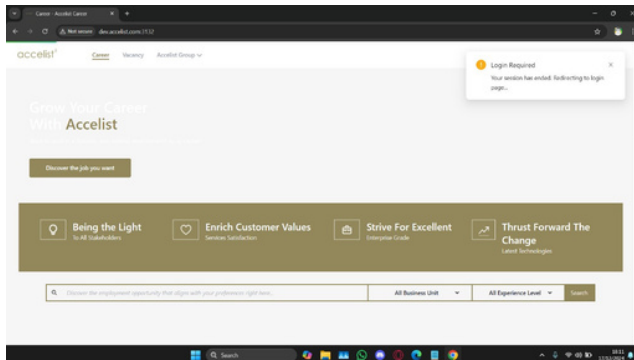


Fig 3.
Model fit of $KS^* = 2$, $LS^* = 64 \times 64$ and 128×128

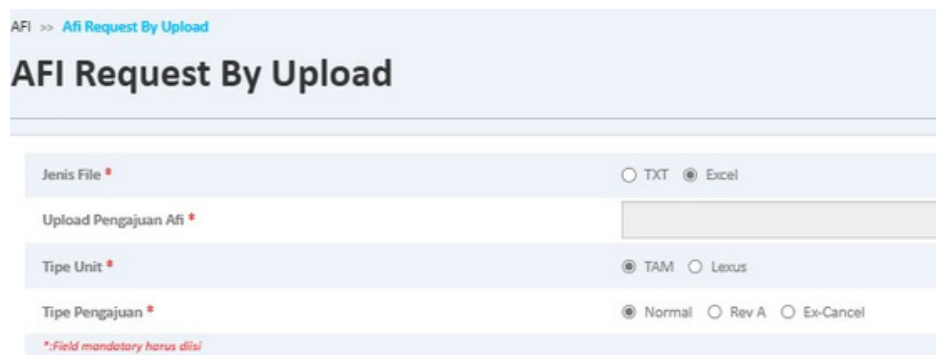
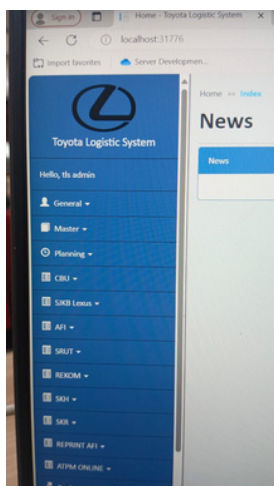


PORTFOLIO

- Accelist Career
 - Homepage and Feature interface



- TLS(Toyota Logistic System) Lexus
 - Homepage and Feature Interface



- Kumpul YUK
 - Website and Mobile Interface

