

## BAB V

### KESIMPULAN DAN SARAN

Pada bab ini akan dipaparkan terkait kesimpulan dan saran penelitian. Kesimpulan dibuat berdasarkan pengolahan data yang telah dilakukan sebelumnya, sedangkan saran dibuat untuk membangun penelitian yang akan dilakukan selanjutnya berdasarkan keseluruhan rangkaian penelitian.

#### V.1 Kesimpulan

Berdasarkan pengolahan data yang dilakukan, diperoleh beberapa kesimpulan sebagai berikut:

1. Berdasarkan hasil uji ANOVA dan uji *post-hoc* kedua data ("*Time to First Fixation*" dan "*Total Fixation*") diperoleh bahwa variabel kombinasi warna *background* dan tulisan serta susunan kolom memiliki pengaruh dan *level* variabel yang sama dalam mencapai efisiensi waktu pembacaan perangkat FIDS. Untuk *level* dari variabel kombinasi warna *background* dan tulisan serta susunan kolom yang dimaksud adalah kombinasi warna gelap pada *background* dan warna terang pada tulisan serta susunan kolom "*Flight-Time-Destination*". Kemudian, berdasarkan hasil analisis kualitatif diperoleh bahwa ketiga variabel penelitian memiliki pengaruh terhadap efisiensi waktu pembacaan perangkat FIDS. Maka dari itu, disimpulkan bahwa ketiga variabel penelitian memiliki pengaruh terhadap efisiensi waktu pembacaan perangkat FIDS di bandara Indonesia.
2. Rancangan rekomendasi rancangan tampilan perangkat *Flight Information Display System* (FIDS) pada bandara Indonesia sesuai dengan variabel yang berpengaruh terhadap efisiensi waktu pembacaan perangkat FIDS adalah menerapkan kombinasi warna gelap pada *background* dan tulisan (dalam hal ini warna gelap adalah biru dan terang adalah putih). Selain itu, susunan baris perangkat FIDS tersebut lebih baik berdasarkan abjad nomor maskapai serta susunan 3 kolom awal perangkat FIDS adalah "*Flight-Time-Destination*" kemudian diikuti kolom "*Gate*" dan kolom "*Status*".

## **V.II Saran**

Berdasarkan rangkaian penelitian yang telah dilakukan, peneliti memperoleh beberapa saran yang sebaiknya diterapkan pada penelitian selanjutnya guna membangun penelitian tersebut. Saran yang dimaksud adalah sebagai berikut:

1. Melibatkan partisipan sesuai dengan jumlah minimum partisipan apabila hendak analisa kualitatif *heatmaps*.
2. Melakukan penelitian dalam keadaan partisipan bergerak agar mampu menyesuaikan kebiasaan partisipan saat melakukan pembacaan perangkat FIDS.
3. Melibatkan keberagaman ukuran *display* dari media TV dalam menampilkan perangkat FIDS untuk mengetahui batas ukuran *display* yang masih mengindikasikan terwujudnya efisiensi waktu pembacaan.

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