DAFTAR GAMBAR

Gambar 2.1. (a) Lantai jembatan komposit dengan penghubung geser,
(b) Balok baja yang diselubungi beton,
(c) Lantai komposit gedung dengan penghubung geser ...............5

Gambar 2.2. Pelat lantai komposit dengan pelat baja gelombang ..............7

Gambar 2.3. Kuat lentur nominal berdasarkan distribusi tegangan plastis
(sumbu netral plastis jatuh pada pelat beton) ..........................10

Gambar 2.4. Kuat lentur nominal berdasarkan distribusi tegangan plastis
(sumbu netral plastis jatuh pada pelat baja di flens) ......................11

Gambar 2.5. Kuat lentur nominal berdasarkan distribusi tegangan plastis
(sumbu netral plastis jatuh pada pelat baja di web) ......................11

Gambar 2.6. Logo eclipse kepler ..............................................12

Gambar 2.7. Tabel nama dan tanggal rilis setiap versi eclipse ..................13

Gambar 2.8. Interface eclipse .........................................................14

Gambar 2.9. Jendela menubar dan toolbar .......................................14

Gambar 2.10. Jendela package explorer .........................................15

Gambar 2.11. Jendela outline .......................................................16

Gambar 2.12. Jendela console ......................................................16

Gambar 2.13. Jendela graphical layout ...........................................17

Gambar 2.14. Package explorer skripsi ..........................................18
Gambar 2.15. Cara membuat textview “Hello World” .................................20
Gambar 2.16. Tampilan edit text dan hasilnya edit text ..............................20
Gambar 2.17. activity_main.xml dengan android:text="Hello World!" ..........21
Gambar 2.18. activity_main.xml dengan android:text="Hello Android!" ........21
Gambar 2.19. hasil perubahan melalui activity_main.xml ..........................21
Gambar 3.1. Objek penelitian ........................................................................22

Gambar 3.2. Bentuk tumpuan objek penelitian

(A) Tumpuan sendi-rol

(B) Tumpuan sendi-rol (dengan perancah)

(C) Tumpuan jepit-jepit

(D) Tumpuan jepit-jepit (dengan perancah) .............................................24

Gambar 3.3. Desain balok komposit yang digunakan

(A) Desain balok komposit

(B) Tumpuan sendi-rol

(C) Tumpuan sendi-rol (dengan perancah)

(D) Tumpuan jepit-jepit

(E) Tumpuan jepit-jepit (dengan perancah) .............................................26

Gambar 3.4. Diagram alir pelaksanaan penelitian .......................................27
Gambar 3.5. Diagram alir mendesain balok penampang komposit ..............30
Gambar 3.6. Diagram alir program ..............................................................31
Gambar 4.1. Soal struktur komposit \( a \leq t_s \) ....................................................39
Gambar 4.2. Soal struktur komposit \( a > t_s \) ....................................................40
Gambar 4.3. Jendela new android application .............................................41
Gambar 4.4. Jendela konfigurasi project .....................................................41
Gambar 4.5. Jendela configure launcher icon ........................................42
Gambar 4.6. Jendela create activity .............................................................42
Gambar 4.7. Jendela blank activity ..............................................................43
Gambar 4.8. Jendela tampilan awal project ..................................................43
Gambar 4.9. Bagan alir tampilan project ......................................................43
Gambar 4.10. Desain layout menu ...............................................................44
Gambar 4.11. Jendela outline project ............................................................45
Gambar 4.12. Desain layout pilihan .............................................................46
Gambar 4.13. Jendela outline project ............................................................46
Gambar 4.14. File layout perencanaan1.xml .................................................47
Gambar 4.15. Layout perencanaan1 di graphical layout ................................55
Gambar 4.16. File layout perencanaan2.xml .................................................56
Gambar 4.17. Layout perencanaan2 di graphical layout ................................66
Gambar 4.18. Tampilan file KompositProject.java ........................................67
Gambar 4.19. Package Explorer .................................................................67
Gambar 4.20. Hasil running program ............................................................93
Gambar 4.21. Program yang sudah di install di android .................................94
Gambar 4.22. Program balok komposit saat pilihan profil standar .................94
Gambar 4.23. Program balok komposit saat pilihan profil custom ...................95
Gambar 4.24. Soal struktur komposit (a ≤ t_s) ..............................................96
Gambar 4.25. Input data program berbasis android .......................................96
Gambar 4.26. Hasil output program ..............................................................98