

CHALLENGE PROJECT PEMOGRAMAN DASAR

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```
CL.py  X
CL.py > ...
1  from kivy.config import Config
2  Config.set('graphics', 'width', '900')
3  Config.set('graphics', 'height', '600')
4
5  from kivy.app import App
6  from kivy.uix.boxlayout import BoxLayout
7  from kivy.uix.label import Label
8  from kivy.uix.image import Image
9  from kivy.uix.floatlayout import FloatLayout
10 from kivy.uix.button import Button
11 from kivy.graphics import Color, RoundedRectangle
12
13 class MenuButton(Button):
14     def __init__(self, text, **kwargs):
15         super().__init__(**kwargs)
16         self.text = text
17         self.font_size = 20
18         self.bold = True
19         self.color = (1, 1, 1, 1) # Teks putih
20         self.background_color = (0.8, 0.5, 0.7, 0.8) # Pink transparan
21         self.background_normal = '' # Hilangkan background default
22         self.size_hint = (1, 0.08)
23
24         # Efek hover
25         self.original_color = (0.8, 0.5, 0.7, 0.8)
26         self.hover_color = (0.9, 0.6, 0.8, 0.9) # Pink lebih terang saat hover
```

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28     # Bind events
29     self.bind(on_enter=self.on_enter)
30     self.bind(on_leave=self.on_leave)
31
32     def on_enter(self, *args):
33         """Saat mouse masuk ke button"""
34         self.background_color = self.hover_color
35
36     def on_leave(self, *args):
37         """Saat mouse keluar dari button"""
38         self.background_color = self.original_color
39
40     class DashboardAdmin(App):
41         def build(self):
42             self.title = "Dashboard Admin"
43
44             main_layout = FloatLayout()
45
46             # Background Image
47             bg = Image(
48                 source='image.jpg',
49                 allow_stretch=True,
50                 keep_ratio=False
51             )
52             main_layout.add_widget(bg)
53
54             # Button "Kembali" di pojok kiri atas
55             back_button = Button(
56                 text="Kembali",
57                 font_size=16,
58                 size_hint=(0.1, 0.05),
59                 pos_hint={'x': 0.02, 'top': 0.98},
60                 background_color=(0.8, 0.5, 0.7, 0.8), # Pink transparan
61                 color=(1, 1, 1, 1), # Teks putih
62                 background_normal=''
63             )
64             back_button.bind(on_press=self.go_back)
65             main_layout.add_widget(back_button)
66
67             # Container untuk konten utama
68             content = BoxLayout(
69                 orientation='vertical',
70                 padding=30,
71                 spacing=10,
72                 size_hint=(0.85, 0.75),
73                 pos_hint={'center_x': 0.5, 'center_y': 0.5}
74         )
75
76             # Judul
77             title = Label(
78                 text="DASHBOARD ADMIN",
79                 font_size=100,
80                 bold=True,
81                 color=(0.8, 0.5, 0.7, 0.8), # Pink sama dengan button
82                 size_hint=(1, 0.3)
83             )
84             content.add_widget(title)
85
86             # Menu buttons yang bisa diklik (sama seperti "Kembali")
87             menus = [
88                 ("Kelola Tugas", self.kelola_tugas),
89                 ("Kelola Mahasiswa", self.kelola_mahasiswa),
90                 ("Lihat Tugas", self.lihat_tugas),
91                 ("Export Excel", self.export_excel),
92                 ("Cek Deadline", self.cek_deadline),
93                 ("Backup Data", self.backup_data),
94                 ("Logout", self.logout)
95             ]

```

```
97     for text, command in menus:
98         # Buat button dengan style sama seperti "Kembali"
99         menu_btn = Button(
100             text=text,
101             font_size=20,
102             bold=True,
103             background_color=(0.8, 0.5, 0.7, 0.8), # Pink transparan SAMA
104             color=(1, 1, 1, 1), # Teks putih SAMA
105             background_normal='',
106             size_hint=(1, 0.08)
107         )
108
109         # Tambahkan efek hover
110         def make_hover(btn):
111             original = (0.8, 0.5, 0.7, 0.8)
112             hover = (0.9, 0.6, 0.8, 0.9)
113
114             def on_enter(instance):
115                 btn.background_color = hover
116
117             def on_leave(instance):
118                 btn.background_color = original
119
120             return on_enter, on_leave
```

```
122     on_enter_func, on_leave_func = make_hover(menu_btn)
123     menu_btn.bind(on_enter=on_enter_func)
124     menu_btn.bind(on_leave=on_leave_func)
125
126     # Bind click event
127     menu_btn.bind(on_press=command)
128
129     content.add_widget(menu_btn)
130
131     main_layout.add_widget(content)
132     return main_layout
133
134     # Fungsi-fungsi untuk button
135     def go_back(self, instance):
136         print("Tombol Kembali ditekan")
137
138     def kelola_tugas(self, instance):
139         print("Kelola Tugas ditekan")
140
141     def kelola_mahasiswa(self, instance):
142         print("Kelola Mahasiswa ditekan")
143
144     def lihat_tugas(self, instance):
145         print("Lihat Tugas ditekan")
146
147     def export_excel(self, instance):
148         print("Export Excel ditekan")
```

```
150     def cek_deadline(self, instance):
151         print("Cek Deadline ditekan")
152
153     def backup_data(self, instance):
154         print("Backup Data ditekan")
155
156     def logout(self, instance):
157         print("Logout ditekan")
158         App.get_running_app().stop()
159
160 if __name__ == '__main__':
161     DashboardAdmin().run()
```