```kv
1  ScreenManager:
2      #MDscreen:
3      LoginScreen:
4      SignUpScreen:
5      TermsandCondition:
6      MainScreen:
7      SettingsScreen:
8      GraphScreen:
9      NotificationScreen:
10     UserProfileScreen:
11     EditUserProfileScreen:
12     SystemSettingsScreen:
13  #############################
14
15  <LoginScreen>:
16
17      name: "login"
18      email:email
19      password:password
20      MDCard:
21          radius: [20]
22          size_hint: 0.95, 0.98
23          pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
24          elevation: 20
25          md_bg_color: [0.25,0.3,0.75, 1]
26          spacing: 30
27          padding: 20
28          orientation: "vertical"
29
30
31
32          MDLabel:
33              id: welcome_label
34              text: "Welcome to the Fitness Application"
35              color: "white"
36              halign: 'center'
37              #size_hint_y: None
38              #height: self.texture_size[1]
39              font_name: "fonts/Lcd.ttf"
40              pos_hint: {"center_x":.5, "top": 1}
41              #padding_y: 15
42              font_size: 30
43
44          Widget:
45              size_hint_y: None
46              height: 140
47
48          #MDFloatLayout:
49          #orientation: "vertical"
50          #cols: 1
51
52      MDTextFieldRound:
53          id: email
54          hint_text: "Email"
55          icon_right: 'account'
56          size_hint_x: None
57          width: 180
58          font_size: 16
59          pos_hint: {"center_x":.5, "top": 0.55}   ###############
```

```
60             #max_text_length: 201
61             helper_text: "enter your email"
62             #icon_right_color_focus: 0, 1, 0, 1
63             #color_active: [0,8,3,1]
64
65         MDTextFieldRound:
66             id: password
67             hint_text: "Password"
68             icon_right: 'eye-off'
69             size_hint_x: None
70             width: 180
71             font_size: 16
72             pos_hint: {"center_x":.5, "top": 0.48}
73             #max_text_length: 20
74             helper_text: "enter your password"
75             password: True
76             #icon_right_color_focus: 0, 1, 0, 1
77             color_active: [0,8,3,1]
78             required: True
79
80         MDChip:
81             text: 'Login'
82             icon: ''
83             pos_hint: {"center_x":.5, "top": 0.40}
84             on_release:
85                 root.loginBtn()
86                 #app.root.current="loginBtn"
87
88         MDChip:
89             text: 'Sign Up'
90             icon: ''
91             pos_hint: {"center_x":.5, "top": 0.34}
92             on_release:
93                 app.root.current= "termsandcondition"
94                 root.manager.transition.direction= "left"
95
96
97
98
99
100 <TermsandCondition>:
101     name: "termsandcondition"
102
103     MDCard:
104         radius: [20]
105         size_hint: 0.95, 0.98
106         pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
107         elevation: 20
108         md_bg_color: [1,1,1, 1]
109         spacing: 10
110         padding: 10
111         orientation: "vertical"
112
113         BoxLayout:
114             orientation: "vertical"
115             pos_hint: {'center_x': 0.5}
116             MDLabel:
117
118                 text: "Terms & Condition"
119                 color: "black"
```

```
120                    halign: 'center'
121                    #size_hint_y: None
122                    #height: self.texture_size[1]
123                    font_name: "fonts/Lcd.ttf"
124                    # pos_hint: {"center_x":.5, "top": 1}
125                    #padding_y: 15
126                    font_size: 30
127                Widget:
128                    size_hint_y: None
129                    height: 10
130
131                MDLabel:
132
133                    text:
134                        'This app requires access to your' +\
135                        ' memory, location and your sensors such as'+\
136                        ' Gyroscope, Accelerometer and Bluetooth to read the' +\
137                        ' sers movement data and save it in the memory card.'+\
138                        ''+\
139                        ' Click I ACCEPT to processed with the Sign Up process.'
140
141
142                    color: "black"
143                    halign: 'center'
144                    font_size: 12
145                    #size_hint_y: None
146                    #height: self.texture_size[1]
147                    # pos_hint: {"center_x":.5, "top": 1}
148                    #padding_y: 15
149
150                Widget:
151                    size_hint_y: None
152                    height: 160
153
154        MDRoundFlatButton:
155            text: "I ACCEPT"
156            pos_hint: {"center_x":.5, "top": 0.34}
157            on_release:
158                app.root.current="signup"
159                # app.root.SignUpScreen.registerBtn()
160                root.manager.transition.direction= "left"
161        # Widget:
162        #     size_hint_y: None
163        #     height: 5
164
165        MDRoundFlatButton:
166            text: "DECLINE"
167            pos_hint: {"center_x":.5, "top": 0.24}
168            on_release:
169                app.root.current= "login"
170                root.manager.transition.direction= "right"
171
172
173
174
175
176
177
178 <SignUpScreen>:
179     name: "signup"
```

```kv
180         email:email
181         password: password
182         password_confirmation:password_confirmation
183         username:username
184         age:age
185         weight:weight
186         uheight:uheight
187         gender:gender
188         jp:jp
189
190         MDCard:
191             padding: 10
192             radius: [20]
193             size_hint: 0.95, 0.98
194             pos_hint: {"center_x": .5, "center_y": 0.5}    #pos of our card
195             elevation: 15
196             padding: 10
197             spacing: 5
198         MDLabel:
199             text: "Sign Up Now!"
200             font_size: "20dp"
201             theme_text_color: "Secondary"
202             size_hint_y: None
203             pos_hint: {"center_x": 0.8, "center_y": 0.9  }
204             line_color: (0, 1, 1, 0)
205         BoxLayout:
206             orientation: "vertical"
207             # MDLabel:
208             #     text: "Sign Up Now!"
209             #     font_size: "20dp"
210             #     theme_text_color: "Secondary"
211             #     size_hint_y: None
212             #     pos_hint: {"center_x": 0.8, "center_y": 0.9  }
213             #     line_color: (0, 1, 1, 0)
214
215             MDTextField:
216                 id: email
217                 hint_text: "Enter Your Email"
218                 mode: "rectangle"
219                 halign: "center"
220                 #required: True
221                 #size: "20dp", "10dp"
222                 size_hint_x: 0.8
223                 pos_hint: {'center_x': 0.5}
224                 # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
225                 # height: 0.3
226                 font_size: 12
227                 max_text_length: 20
228                 color_active: [1,1,1,1]
229                 helper_text: "enter your email"
230                 icon_right_color_focus: 0, 1, 0, 1
231
232             # MDSeparator:
233             #     height: "2dp"
234
235             MDTextField:
236                 id:password
237                 hint_text: "Enter Your New Password!"
238                 mode: "rectangle"
239                 password: True
```

```
240            icon_right: 'eye-off'
241            icon_left: "key-variant"
242            required: True
243            size_hint_x: 0.8
244            font_size: 12
245            # height: 0.3
246            pos_hint: {'center_x': 0.5}
247            # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
248            max_text_length: 20
249            color_active: [1,1,1,1]
250            helper_text: "enter your password"
251            icon_right_color_focus: 1, 0, 0, 1
252
253        # MDSeparator:
254        #     height: "2dp"
255
256        MDTextField:
257            id:password_confirmation
258            hint_text: "Re-enter Your New Password!"
259            mode: "rectangle"
260            password: True
261            icon_right: 'eye-off'
262            required: True
263            size_hint_x: 0.8
264            font_size: 12
265            # height: 0.3
266            pos_hint: {'center_x': 0.5}
267            # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
268            max_text_length: 20
269            color_active: [1,1,1,1]
270            helper_text: "enter your password"
271            #icon_right_color_focus: 1, 0, 0, 1
272
273        # MDSeparator:
274        #     height: "2dp"
275
276        MDTextField:
277            id: username
278            hint_text: "Name"
279            mode: "rectangle"
280            halign: "center"
281            #required: True
282            #size: "20dp", "10dp"
283            size_hint_x: 0.8
284            pos_hint: {'center_x': 0.5}
285            # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
286            height: 0.3
287            font_size: 12
288            max_text_length: 20
289            color_active: [1,1,1,1]
290            helper_text: "enter your email"
291            icon_right_color_focus: 0, 1, 0, 1
292
293        # MDSeparator:
294        #     height: "2dp"
295        MDTextField:
296            id:age
297            hint_text: "Age"
298            mode: "rectangle"
299            halign: "center"
```

```
300             #required: True
301             #size: "20dp", "10dp"
302             size_hint_x: 0.8
303             pos_hint: {'center_x': 0.5}
304             # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
305             height: 0.5
306             font_size: 12
307             max_text_length: 20
308             color_active: [1,1,1,1]
309             helper_text: "enter your age"
310             icon_right_color_focus: 0, 1, 0, 1
311
312         # MDSeparator:
313         #     height: "2dp"
314
315         MDTextField:
316             id:weight
317             hint_text: "Weight (kgs)"
318             mode: "rectangle"
319             halign: "center"
320             #required: True
321             #size: "20dp", "10dp"
322             size_hint_x: 0.8
323             pos_hint: {'center_x': 0.5}
324             # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
325             height: 0.3
326             font_size: 12
327             max_text_length: 20
328             color_active: [1,1,1,1]
329             helper_text: "Kgs"
330             icon_right_color_focus: 0, 1, 0, 1
331
332         # MDSeparator:
333         #     height: "2dp"
334
335         MDTextField:
336             id:uheight
337             hint_text: "Height (cms)"
338             mode: "rectangle"
339             halign: "center"
340             #required: True
341             #size: "20dp", "10dp"
342             size_hint_x: 0.8
343             pos_hint: {'center_x': 0.5}
344             # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
345             height: 0.3
346             font_size: 12
347             max_text_length: 20
348             color_active: [1,1,1,1]
349             helper_text: "cms"
350             icon_right_color_focus: 0, 1, 0, 1
351
352         # MDSeparator:
353         #     height: "2dp"
354
355         MDTextField:
356             id: gender
357             hint_text: "Gender (male/female)"
358             mode: "rectangle"
359             halign: "center"
```

```
360              #required: True
361              #size: "20dp", "10dp"
362              size_hint_x: 0.8
363              pos_hint: {'center_x': 0.5}
364              # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
365              height: 0.3
366              font_size: 12
367              max_text_length: 20
368              color_active: [1,1,1,1]
369              helper_text: "Male/Female"
370              icon_right_color_focus: 0, 1, 0, 1
371          # MDSeparator:
372          #     height: "2dp"
373
374          MDTextField:
375              id:jp
376              hint_text: "Job Position"
377              mode: "rectangle"
378              halign: "center"
379              helper_text: "CEO/Manager/Coder/Engineer"
380              #required: True
381              #size: "20dp", "10dp"
382              size_hint_x: 0.8
383              pos_hint: {'center_x': 0.5}
384              # pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
385              height: 0.3
386              font_size: 12
387              max_text_length: 20
388              color_active: [1,1,1,1]
389              icon_right_color_focus: 0, 1, 0, 1
390          # MDSeparator:
391          #     height: "2dp"
392
393
394          MDGridLayout:
395              cols: 2
396              orientation: "tb-lr"
397              size_hint_y: None
398              height: self.minimum_height
399              padding: "5dp"
400              spacing: "5dp"
401              adaptive_height: True
402              MDFillRoundFlatButton:
403                  text: "Register"
404                  line_color: (0, 1, 1, 0)
405                  #pos_hint: {"center_x": .25, "top": 0.20}
406                  on_release:
407                      # app.root.current= "termsandcondition"
408                      root.registerBtn()
409                      #root.manager.current="login"
410
411              MDFillRoundFlatButton:
412                  text: "Back"
413                  line_color: (0, 1, 1, 0)
414                  #pos_hint: {"center_x": .75, "top": 0.20}
415                  #pos_hint: {"center_x":.5, "top": 0.88}    #pos of our card
416
417                  on_release:
418                      app.root.current= "login"
419                      root.manager.transition.direction= "right"
```

```
420
421
422
423
424
425
426
427
428
429  <MainScreen>:
430      name: "main"
431      #on_pre_enter: root.get_info()
432      m_task_one:m_task_one
433      m_task_two:m_task_two
434      m_task_three:m_task_three
435      m_task_four:m_task_four
436      m_task_five:m_task_five
437      notification_label:notification_label
438      movement_profile:movement_profile
439      remind_me_button:remind_me_button
440
441      notification_switch_click:notification_switch_click
442      checkbox_one: checkbox_one
443      checkbox_two: checkbox_two
444      checkbox_three: checkbox_three
445      checkbox_four: checkbox_four
446      checkbox_five: checkbox_five
447
448      check_in_button: check_in_button
449      check_out_button: check_out_button
450      ScrollView:
451          #do_scroll_y: True
452          #orientation: "vertical"
453          #halign: 'center'
454          #padding: 16
455          BoxLayout:
456              orientation: 'vertical'
457              padding: "10dp"
458              spacing: "15dp"
459              size_hint_y: None
460              height: self.minimum_height
461              MDCard:
462                  orientation: "vertical"
463                  padding: "10dp"
464                  spacing: "5dp"
465                  size_hint: None, None
466                  size: "280dp",  self.minimum_height
467                  pos_hint: {"center_x": .5}
468                  line_color: 0.2, 0.2, 0.2, 1
469
470                  MDLabel:
471                      text: "Movement Analysis"
472                      font_size: "20dp"
473                      theme_text_color: "Secondary"
474                      size_hint_y: None
475                      height: self.texture_size[1]
476                      line_color: (0, 1, 1, 0)
477
478                  MDSeparator:
479                      height: "2dp"
```

```
480
481                    MDLabel:
482                        id: movement_profile
483                        text: "Inactive"
484                        size_hint_y: None
485                        height: "20dp"
486                        font_size: "12dp"
487                        markup: True
488
489                MDGridLayout:
490                    cols: 2
491                    orientation: "tb-lr"
492                    size_hint_y: None
493                    height: self.minimum_height
494                    padding: "5dp"
495                    spacing: "5dp"
496                    adaptive_height: True
497                    #md_bg_color: app.theme_cls.primary_color
498
499
500                    MDIconButton:
501                        id: check_in_button
502                        icon: 'location-enter'
503                        on_release:
504                            root.check_in_deactivate(self.disabled)
505
506                        # halign: 'center'
507                    MDLabel:
508                        text: "Check-in"
509                        font_size: "12dp"
510                        # halign: 'center'
511
512                    MDIconButton:
513                        id: check_out_button
514                        icon: 'location-exit'
515                    #on_press: app.root.active
516                        on_release:
517                            root.check_out_deactivate(self.disabled)
518
519                        # halign: 'center'
520                    MDLabel:
521                        text: "Check-out"
522                        font_size: "12dp"
523                        # halign: 'center'
524
525                    Switch:
526                        id: notification_switch_click
527                        active: True
528                        font_size: 15
529                        on_active: root.notif_switch_click(self, self.active)
530
531                    #MDIconButton:
532                    #    icon: 'alarm'
533                        # halign: 'center'
534                    MDLabel:
535                        id: notification_label
536                        text: "Notifications"
537                        font_size: "12dp"
538                        #halign: 'center'
539                        on_release:
```

```
540
541
542                            MDIconButton:
543                                icon: 'chart-bar'
544                                # halign: 'center'
545                                on_release:
546                                    app.root.current= "Graphs"
547                                    root.manager.transition.direction= "left"
548
549
550                            MDLabel:
551                                text: "Graphs"
552                                font_size: "12dp"
553                                #halign: 'center'
554
555                    Widget:
556                        size_hint_y: None
557                        height: 10
558
559                    MDSeparator:
560                        height: "2dp"
561
562                    GridLayout:
563                        cols: 2
564                        orientation: "lr-tb"
565                        size_hint_y: None
566                        height: self.minimum_height
567
568                        CheckBox:
569                            id: checkbox_one
570                            active: False
571                            size_hint: None, None
572                            size: "30dp", m_task_one.height
573                            pos_hint: {'center_x': .5, 'center_y': .5}
574                            spacing: "15dp"
575                            on_active: root.checkbox_click(self, self.active,
     m_task_one.text )
576
577                        MDLabel:
578                            id: m_task_one
579                            text: "This could be a motivation task. But be careful."
580                            font_size: "15dp"
581                            size: self.texture_size
582                            spacing: "15dp"
583
584                        CheckBox:
585                            id: checkbox_two
586                            active: False
587                            size_hint: None, None
588                            size: "30dp", m_task_two.height
589                            pos_hint: {'center_x': .5, 'center_y': .5}
590                            spacing: "15dp"
591                            on_active: root.checkbox_click(self, self.active,
     m_task_two.text )
592
593                        MDLabel:
594                            id: m_task_two
595                            text: "This could be a motivation task. But be careful."
596                            font_size: "15dp"
597                            size: self.texture_size
```

```
598                              spacing: "15dp"
599                          CheckBox:
600                              id: checkbox_three
601                              size_hint: None, None
602                              size: "30dp", m_task_three.height
603                              pos_hint: {'center_x': .5, 'center_y': .5}
604                              spacing: "15dp"
605                              on_active: root.checkbox_click(self, self.active,
      m_task_three.text )
606                          MDLabel:
607                              id: m_task_three
608                              text: "This could be a motivation task. But be careful."
609                              font_size: "15dp"
610                              size: self.texture_size
611                              spacing: "15dp"
612                          CheckBox:
613                              id: checkbox_four
614                              size_hint: None, None
615                              size: "30dp", m_task_four.height
616                              pos_hint: {'center_x': .5, 'center_y': .5}
617                              spacing: "15dp"
618                              on_active: root.checkbox_click(self, self.active,
      m_task_four.text )
619
620                          MDLabel:
621                              id: m_task_four
622                              text: "This could be a motivation task. But be careful."
623                              font_size: "15dp"
624                              size: self.texture_size
625                              spacing: "15dp"
626                          CheckBox:
627                              id: checkbox_five
628                              size_hint: None, None
629                              size: "30dp", m_task_five.height
630                              pos_hint: {'center_x': .5, 'center_y': .5}
631                              spacing: "15dp"
632                              on_active: root.checkbox_click(self, self.active,
      m_task_five.text )
633
634                          MDLabel:
635                              id: m_task_five
636                              text: "This could be a motivation task. But be careful."
637                              font_size: "15dp"
638                              size: self.texture_size
639                              spacing: "15dp"
640
641                      MDFillRoundFlatButton:
642                          id: remind_me_button
643                          text: "Remind Me"
644                          line_color: (1, 1, 1, 1)
645                          halign: 'center'
646                          pos_hint: {"center_x":.5}
647                          size_hint_y: None
648                          on_release: root.reminder_remindme()
649
650                      # MDLabel:
651                      #     id: remind_me_tasks
652                      #     text: "Yolo"
653
654
```

```
655                        #pos_hint: {"center_x": .5, "center_y": .4}
656                        #on_release: root.remind_me_notification()
657
658              MDCard:
659                    orientation: "vertical"
660                    padding: "10dp"
661                    spacing: "15dp"
662                    size_hint: None, None
663                    size: "280dp",  self.minimum_height
664                    pos_hint: {"center_x": .5} #, 'top': 0.55
665                    line_color: 0.2, 0.2, 0.2, 1
666
667                    MDSeparator:
668                        height: "2dp"
669
670                    MDLabel:
671                        text: "Display Analysis"
672                        font_size: "20dp"
673                        #theme_text_color: "Secondary"
674                        size_hint_y: None
675                        height: self.texture_size[1]
676                        line_color: (0, 1, 1, 0)
677
678                    MDFillRoundFlatButton:
679                        text: "Graph"
680                        line_color: (1, 1, 1, 1)
681                        pos_hint: {"center_x": .5, "center_y": .1}
682                        on_release:
683                            app.root.current= "Graphs"
684                            root.manager.transition.direction= "left"
685
686                    MDSeparator:
687                        height: "2dp"
688
689              MDRoundFlatButton:
690                    text: "Settings"
691                    icon: "settings"
692                    line_color: (0, 1, 1, 1)
693                    pos_hint: {"center_x": .5} #,"center_y": 0.2
694                    on_release:
695                        app.root.current= "settings"
696                        root.manager.transition.direction= "left"
697
698              MDRoundFlatButton:
699                    text: "Log Out!"
700                    # icon: "android"
701                    line_color: (0, 1, 1, 1)
702                    pos_hint: {"center_x": .5} #, "center_y": 0.1
703                    on_release:
704                        app.root.current= "login"
705                        root.manager.transition.direction= "left"
706
707  <GraphScreen>:
708      name: "Graphs"
709      piechartimage: piechartimage
710      piechartlabel: piechartlabel
711      piechartimage: piechartimage
712
713      MDCard:
714          radius: [20]
```

```
715            size_hint: 0.95, 0.98
716            pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
717            elevation: 20
718            md_bg_color: [0.25,0.3,0.75, 1]
719            spacing: 30
720            padding: 20
721            orientation: "vertical"
722
723        # MDCard:
724        #      orientation: "vertical"
725        #      spacing: "15dp"
726        #      size_hint: None, None
727        #      size: "280dp",  self.minimum_height
728        #      pos_hint: {"center_x": .5, 'top': 0.95}
729
730        #      MDLabel:
731        #          id: piechartlabel
732        #          text: ""
733        #          font_size: "18dp"
734        #          theme_text_color: "Secondary"
735        #          size_hint_y: None
736        #          height: self.texture_size[1]
737        #          line_color: (0, 1, 1, 0)
738
739
740        MDCard:
741            orientation: "vertical"
742            size_hint: None, None
743            size: "280dp",  "300dp"
744            pos_hint: {"center_x": .5, 'top': 0.83}
745            line_color: 0.2, 0.2, 0.2, 1
746
747            MDLabel:
748                id: piechartlabel
749                text: ""
750                font_size: "18dp"
751                theme_text_color: "Secondary"
752                size_hint_y: None
753                height: self.texture_size[1]
754                line_color: (0, 1, 1, 0)
755            Image:
756                id: piechartimage
757                source:
758
759
760        MDCard:
761            orientation: "vertical"
762            padding: "10dp"
763            spacing: "15dp"
764            size_hint: None, None
765            md_bg_color: [1,1,1, 1]
766            size: "280dp",  self.minimum_height
767            pos_hint: {"center_x": .5, 'top': 0.28}
768            line_color: 0.2, 0.2, 0.2, 1
769
770
771            MDGridLayout:
772                cols: 3
773                orientation: "tb-lr"
774                size_hint_y: None
```

```
775                     height: self.minimum_height
776                     padding: "5dp"
777                     spacing: "5dp"
778                     adaptive_height: True
779                     #md_bg_color: app.theme_cls.primary_color
780
781                     MDIconButton:
782                         icon: 'calendar-today'
783                         # halign: 'center'
784                         on_release:
785                             root.DPiechart()
786
787                     MDLabel:
788                         text: "daily"
789                         font_size: "12dp"
790                         # halign: 'center'
791                     MDIconButton:
792                         icon: 'calendar-week'
793                         on_release:
794                             root.WPiechart()
795                         # halign: 'center'
796                     MDLabel:
797                         text: "weekly"
798                         font_size: "12dp"
799                         # halign: 'center'
800                     MDIconButton:
801                         icon: 'calendar-month'
802                         on_release:
803                             root.MPiechart()
804                         # halign: 'center'
805                     MDLabel:
806                         text: "monthly"
807                         font_size: "12dp"
808                         #halign: 'center'
809
810             Widget:
811                 size_hint_y: None
812                 height: 20
813             MDRoundFlatIconButton:
814                 text: "Return To Main Screen"
815                 icon: ''
816                 pos_hint: {"center_x":.5}
817                 on_release:
818                     app.root.current= "main"
819                     root.manager.transition.direction= "left"
820
821
822
823 <SettingsScreen>:
824
825     name: "settings"
826     MDCard:
827         radius: [20]
828         size_hint: 0.95, 0.98
829         pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
830         elevation: 20
831         md_bg_color: [1,1,1,1]
832         spacing: 10
833         padding: 10
834         orientation: "vertical"
```

```
835      BoxLayout:
836          orientation: 'vertical'
837          padding: "10dp"
838          spacing: "15dp"
839          size_hint_y: None
840          height: self.minimum_height
841          MDLabel:
842              text: "Settings"
843              color: "black"
844              font_name: "fonts/Lcd.ttf"
845              font_size: 40
846              height: self.texture_size[1]
847              pos_hint: {"center_x": 0.78}
848
849          Widget:
850              size_hint_y: None
851              height: 130
852          MDRoundFlatButton:
853              text: "Notification Settings"
854              icon_right: 'account'
855              size_hint_x: None
856              width: 180
857              font_size: 16
858              pos_hint: {"center_x":.5}   ################
859              #max_text_length: 201
860              helper_text: "enter your email"
861              on_release:
862                  app.root.current= "notify"
863                  root.manager.transition.direction= "left"
864          MDRoundFlatButton:
865              text: "User Profile"
866              icon_right: 'account'
867              size_hint_x: None
868              width: 180
869              font_size: 16
870              pos_hint: {"center_x":.5}   ################
871              #max_text_length: 201
872              helper_text: "enter your email"
873              on_release:
874                  app.root.current= "userprofile"
875                  root.manager.transition.direction= "up"
876          MDRoundFlatButton:
877              text: "Edit User Profile"
878              icon_right: 'account'
879              size_hint_x: None
880              width: 180
881              font_size: 16
882              pos_hint: {"center_x":.5}   ################
883              #max_text_length: 201
884              helper_text: "Edit Profile"
885              on_release:
886                  app.root.current= "edituserprofile"
887                  root.manager.transition.direction= "right"
888
889          MDRoundFlatButton:
890              text: "System Settings"
891              icon_right: 'account'
892              size_hint_x: None
893              width: 180
894              font_size: 16
```

```
895                 pos_hint: {"center_x":.5}  ################
896                 #max_text_length: 201
897                 helper_text: "Edit Profile"
898                 on_release:
899                     app.root.current= "systemsettings"
900                     root.manager.transition.direction= "up"
901             Widget:
902                 size_hint_y: None
903                 height: 30
904
905         MDRoundFlatIconButton:
906             text: "Return To Main Screen"
907             icon: ''
908             pos_hint: {"center_x":.5}
909             on_release:
910                 app.root.current= "main"
911                 root.manager.transition.direction= "left"
912             Widget:
913                 size_hint_y: None
914                 height: 30
915
916
917
918
919 <NotificationScreen>:
920     name:'notify'
921     # notification_hourone:notification_hourone
922     # notification_hourtwo:notification_hourtwo
923     notificationNumberInput:notificationNumberInput
924     notificationlabel_settings:notificationlabel_settings
925
926     MDCard:
927         orientation: "vertical"
928         radius: [20]
929         padding: "10dp"
930         spacing: "5dp"
931         size_hint: 0.95, 0.98
932
933         pos_hint: {"center_x": .5, 'center_y': 0.5}
934         line_color: 0.2, 0, 1, 1
935
936     BoxLayout:
937         orientation: 'vertical'
938         padding: "10dp"
939         spacing: "15dp"
940         size_hint_y: None
941         height: self.minimum_height
942         MDLabel:
943             text: "Notification Settings"
944             color: "black"
945             font_name: "fonts/Lcd.ttf"
946             font_size: 28
947             height: self.texture_size[1]
948             pos_hint: {"center_x": 0.55}
949
950         Widget:
951             size_hint_y: None
952             height: 20
953         MDGridLayout:
954
```

```
955                # orientation: "vertical"
956                # cols: 2
957                # MDLabel:
958                #     text: "Notificaton/hour"
959                #     pos_hint: {'center_x': 0.2 }
960                # MDTextField:
961                #     hint_text: "Text"
962
963
964
965
966                # orientation: "horizontal"
967                cols: 2
968                MDLabel:
969                    id: notificationlabel_settings
970                    text: "Notification per hour"
971
972                MDTextField:
973                    id: notificationNumberInput
974                    hint_text: "1"
975
976
977
978                # MDCheckbox:
979                #     id: notification_hourone
980                #     active: True
981                #     group: 'noti'
982                #     pos_hint: {'center_x': .5}
983                # MDTextField:
984                #     text: "1 Hour"
985                #     pos_hint: {'center_x': .5}
986
987                # MDCheckbox:
988                #     group: 'noti'
989                #     pos_hint: {'center_x': .5}
990
991                # MDTextField:
992                #     id: notification_hourtwo
993                #     text: "2 Hour"
994                #     pos_hint: {'center_x': .5}
995                # MDCheckbox:
996                #     group: 'noti'
997                #     pos_hint: {'center_x': .5}
998
999                # MDTextField:
1000               #     id: notification_hourthree
1001               #     text: "3 Hour"
1002               #     pos_hint: {'center_x': .5}
1003
1004        Widget:
1005            size_hint_y: None
1006            height: 250
1007
1008        MDFillRoundFlatButton:
1009            text:"Back"
1010            pos_hint: {'center_x': 0.5}
1011            on_release:
1012                app.root.current= "settings"
1013                root.manager.transition.direction= "right"
1014    #BoxLayout:
```

```
1015          #   orientation: 'vertical'
1016        #   padding: "10dp"
1017        #   spacing: "15dp"
1018        #   size_hint_y: None
1019        #   height: self.minimum_height
1020
1021          #GridLayout:
1022          #     cols: 2
1023
1024           #   padding: "10dp"
1025            # spacing: "15dp"
1026        #      size_hint_y: None
1027          #     height: self.minimum_height
1028          #   MDLabel:
1029          #       text: "Notification/hour"
1030          #       color: "black"
1031           #      font_name: "fonts/Lcd.ttf"
1032          #       font_size: 40
1033
1034           # MDDropDownItem:
1035           #     id:notify_time
1036            #    text: "Hour"
1037             #  on_release: app.menu.open()
1038
1039
1040 <UserProfileScreen>:
1041     name:"userprofile"
1042     on_pre_enter: root.callback()
1043     email_label:email_label
1044     username_label:username_label
1045     age_label: age_label
1046     weight_label:weight_label
1047     height_label: height_label
1048     gender_label:gender_label
1049     jp_label:jp_label
1050
1051     MDCard:
1052         radius: [20]
1053         size_hint: 0.95, 0.98
1054         pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
1055         elevation: 20
1056         md_bg_color: [1,1,1, 1]
1057         spacing: 30
1058         padding: 20
1059         orientation: "vertical"
1060
1061
1062
1063         MDLabel:
1064             id: welcome_label
1065             text: "User Profile"
1066             color: "black"
1067             halign: 'center'
1068             #size_hint_y: None
1069             #height: self.texture_size[1]
1070             font_name: "fonts/Lcd.ttf"
1071             pos_hint: {"center_x":.5, "top": 1}
1072             #padding_y: 15
1073             font_size: 30
1074
```

```
1075            Widget:
1076                size_hint_y: None
1077                height: 20
1078
1079
1080            MDLabel:
1081                id: username_label
1082                text: 'UserName'
1083            MDLabel:
1084                id: email_label
1085                text: "Email"
1086            MDLabel:
1087                id: age_label
1088                text: "Age"
1089            MDLabel:
1090                id: weight_label
1091                text: "Weight"
1092            MDLabel:
1093                id: height_label
1094                text: "Height"
1095            MDLabel:
1096                id: gender_label
1097                text: "Gender"
1098            MDLabel:
1099                id: jp_label
1100                text: "Job Position"
1101            MDRoundFlatButton:
1102                text: "Back"
1103                on_release:
1104                    app.root.current= "settings"
1105                    root.manager.transition.direction= "right"
1106
1107            #MDFloatLayout:
1108            #orientation: "vertical"
1109            #cols: 1
1110
1111 <EditUserProfileScreen>:
1112     name:"edituserprofile"
1113     chg_username:chg_username
1114     chg_age:chg_age
1115     chg_weight:chg_weight
1116     chg_height: chg_height
1117     chg_gender: chg_gender
1118     chg_jp:chg_jp
1119
1120     MDCard:
1121         radius: [20]
1122         size_hint: 0.95, 0.98
1123         pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
1124         elevation: 20
1125         md_bg_color: [1,1,1, 1]
1126         spacing: 30
1127         padding: 20
1128         orientation: "vertical"
1129
1130         MDBoxLayout:
1131             orientation: "vertical"
1132             padding: 5
1133             spacing: 5
1134
```

```
1135
1136                    MDLabel:
1137
1138                        text: "Edit User Profile"
1139                        color: "black"
1140                        halign: 'center'
1141                        #size_hint_y: None
1142                        #height: self.texture_size[1]
1143                        font_name: "fonts/Lcd.ttf"
1144                        pos_hint: {"center_x":.5, "top": 1}
1145                        #padding_y: 15
1146                        font_size: 30
1147
1148                    Widget:
1149                        size_hint_y: None
1150                        height: 20
1151
1152                    MDGridLayout:
1153                        cols:2
1154                        MDLabel:
1155                            text: "User Name"
1156                        MDTextField:
1157                            id:chg_username
1158                            hint_text: "Change UserName"
1159                    Widget:
1160                        size_hint_y: None
1161                        height: 20
1162                    MDGridLayout:
1163                        cols:2
1164                        MDLabel:
1165                            text: "Age"
1166                        MDTextField:
1167                            id: chg_age
1168                            hint_text: "Change Age"
1169                    Widget:
1170                        size_hint_y: None
1171                        height: 20
1172                    MDGridLayout:
1173                        cols:2
1174                        MDLabel:
1175                            text: "Weight"
1176                        MDTextField:
1177                            id: chg_weight
1178                            hint_text: "Change Weight"
1179                    Widget:
1180                        size_hint_y: None
1181                        height: 20
1182                    MDGridLayout:
1183                        cols:2
1184                        MDLabel:
1185                            text: "Height"
1186                        MDTextField:
1187                            id: chg_height
1188                            hint_text: "Change Height"
1189                    Widget:
1190                        size_hint_y: None
1191                        height: 20
1192                    MDGridLayout:
1193                        cols:2
1194                        MDLabel:
```

```
1195                      text: "Gender"
1196                  MDTextField:
1197                      id:chg_gender
1198                      hint_text: "Change Gender"
1199              Widget:
1200                  size_hint_y: None
1201                  height: 20
1202
1203              MDGridLayout:
1204                  cols:2
1205                  MDLabel:
1206                      text: "Job Position"
1207                  MDTextField:
1208                      id: chg_jp
1209                      hint_text: "Change Job Position"
1210              Widget:
1211                  size_hint_y: None
1212                  height: 20
1213          MDRoundFlatButton:
1214              text: "Save Changes"
1215              on_release:
1216                  root.savechanges()
1217                  # app.root.current= "settings"
1218                  # root.manager.transition.direction= "right"
1219          MDRoundFlatButton:
1220              text: "Back"
1221              on_release:
1222                  app.root.current= "settings"
1223                  root.manager.transition.direction= "right"
1224
1225  <SystemSettingsScreen>:
1226      name: "systemsettings"
1227
1228      MDCard:
1229          radius: [20]
1230          size_hint: 0.95, 0.98
1231          pos_hint: {"center_x":0.5,"center_y":0.5}    #pos of our card
1232          elevation: 20
1233          md_bg_color: [1,1,1, 1]
1234          spacing: 30
1235          padding: 20
1236          orientation: "vertical"
1237
1238      MDBoxLayout:
1239          orientation: "vertical"
1240          padding: 5
1241          spacing: 5
1242
1243
1244          MDLabel:
1245              text: "Edit User Profile"
1246              color: "black"
1247              halign: 'center'
1248              #size_hint_y: None
1249              #height: self.texture_size[1]
1250              font_name: "fonts/Lcd.ttf"
1251              pos_hint: {"center_x":.5, "top": 1}
1252              #padding_y: 15
1253              font_size: 30
1254
```

```
1255            MDGridLayout:
1256                cols:2
1257
1258                    MDLabel:
1259
1260                        text: "Gyroscope"
1261                        font_size: 20
1262                        pos_hint: {"center_x": 0.5}
1263                    CheckBox:
1264                        #active: True
1265                        on_active: root.sensorcheckbox_click(self, self.active, Gyroscope)
1266
1267                    MDLabel:
1268                        text: "Accelerometer"
1269                        font_size: 20
1270                    CheckBox:
1271                        on_active: root.sensorcheckbox_click(self, self.active,
        Accelerometer)
1272
1273                    MDLabel:
1274                        text: "Bluetooth"
1275                        font_size: 20
1276                    CheckBox:
1277                        on_active: root.sensorcheckbox_click(self, self.active, Bluetooth)
1278
1279            Widget:
1280                size_hint_y: None
1281                height: 50
1282
1283            MDLabel:
1284                text: "Nothing Has Been Selected"
1285                id: sensorselectiontext
1286
1287            MDRoundFlatButton:
1288                text: "Back to Screen"
1289                on_press:
1290                    app.root.current= "settings"
1291                    root.manager.transition.direction= "right"
1292
1293
1294
1295
1296
1297
1298
1299
1300
```