

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help AntrianPasien2 - Apache NetBeans IDE 21 Search (Ctrl+I) 192.2/434.0MB

Projects X Files Services

AntrianPasien [0000000...]
AntrianPasien2 [0000000...]
Source Packages
Model
AntrianPasien.java [-/A]
Pasien.java [-/A]
View
Test Packages
Libraries
Test Libraries
AntrianPasienApp [0000000...]
Source Packages
Model
app
controller
Test Packages
Libraries
Test Libraries
AntrianPasienRS [0000000...]
PemrogramanII [0000000...]
pertemuan2 [0000000...]
pertemuan77 [0000000...]
Terstruktur1 [0000000...]

Source History

```
1 package Model;
2
3 public class Pasien {
4     private String nama;
5     private int usia;
6     private String kondisi;
7
8     public Pasien(String nama, int usia, String kondisi) {
9         this.nama = nama;
10        this.usia = usia;
11        this.kondisi = kondisi;
12    }
13
14    public String getNama() {
15        return nama;
16    }
17
18    public int getUsia() {
19        return usia;
20    }
21
22    public String getKondisi() {
23        return kondisi;
24    }
25
26 }
```

Missing javadoc. 14:20 INS Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help AntrianPasien2 - Apache NetBeans IDE 21 Search (Ctrl+I) 278.3/434.0MB

Projects X Files Services

AntrianPasien [0000000...]
AntrianPasien2 [0000000...]
Source Packages
Model
AntrianPasien.java [-/A]
Pasien.java [-/A]
View
Test Packages
Libraries
Test Libraries
AntrianPasienApp [0000000...]
Source Packages
Model
app
controller
Test Packages
Libraries
Test Libraries
AntrianPasienRS [0000000...]
PemrogramanII [0000000...]
pertemuan2 [0000000...]
pertemuan77 [0000000...]
Terstruktur1 [0000000...]

Source History

```
2 package Model;
3
4 import java.util.LinkedList;
5 import java.util.Queue;
6
7 public class AntrianPasien {
8     private Queue<Pasien> queue;
9
10    public AntrianPasien() {
11        queue = new LinkedList<>();
12    }
13
14    public void tambahPasien(Pasien pasien) {
15        queue.offer(pasien);
16    }
17
18    public Pasien hapusPasien() {
19        return queue.poll();
20    }
21
22    public Queue<Pasien> getDaftarPasien() {
23        return queue;
24    }
25
26    public void urutkanPasien() {
27        queue = new LinkedList<>(queue.stream()
28                                .sorted((p1, p2) -> Integer.compare(p1.getUsia(), p2.getUsia()))
29                                .toList());
30    }
31}
```

17:1 INS Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help AntrianPasien2 - Apache NetBeans IDE 21 Search (Ctrl+I) 289.7/434.0MB

Projects X Files Services

.../A] Pasien.java [-/A] x AntrianPasien.java [-/A] x Main.java [-/A] x Pasien.java [-/A] x AntrianPasien.java [-/A]...

Source History

```
1 package view;
2
3 import javafx.application.Application;
4 import javafx.scene.Scene;
5 import javafx.scene.control.*;
6 import javafx.scene.layout.VBox;
7 import javafx.stage.Stage;
8
9 import javafx.beans.property.SimpleStringProperty;
10 import javafx.beans.property.SimpleIntegerProperty;
11
12 import Model.AntrianPasien;
13 import Model.Pasien;
14
15 public class Main extends Application {
16
17     private AntrianPasien antrianPasien = new AntrianPasien();
18     private TableView<Pasien> table = new TableView<>();
19
20     public static void main(String[] args) {
21         launch(args);
22     }
23
24     @Override
25     public void start(Stage stage) {
26         VBox root = new VBox();
27
28         TableColumn<Pasien, String> namaColumn = new TableColumn<>("Nama");
29         namaColumn.setCellValueFactory(cellData -> new SimpleStringProperty(cellData.getValue().getNa
```

52:32 INS Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Window Help AntrianPasien2 - Apache NetBeans IDE 21 Search (Ctrl+I) 2185/434.0MB

Projects x Files Services

AntrianPasien [0000000...]
AntrianPasien2 [0000000...]
Source Packages
Model
AntrianPasien.java [-/A]
Pasien.java [-/A]
View
Main.java [-/A]
Test Packages
Libraries
Test Libraries
AntrianPasienApp [0000000...]
Source Packages
Model
app
controller
Test Packages
Libraries
Test Libraries
AntrianPasienRS [0000000...]
PemrogramanII [0000000...]
pertemuan2 [0000000...]
pertemuan77 [0000000...]
Terstruktur1 [0000000...]

Source History

```
34 TableColumn<Pasien, String> kondisiColumn = new TableColumn<>("Kondisi");
35 kondisiColumn.setCellValueFactory(cellData -> new SimpleStringProperty(cellData.getValue().getKondisi()));
36
37 table.getColumns().addAll(namaColumn, usiaColumn, kondisiColumn);
38
39 Button btnTambah = new Button("Tambah Pasien");
40 btnTambah.setOnAction(e -> tambahPasien());
41
42 Button btnHapus = new Button("Hapus Pasien");
43 btnHapus.setOnAction(e -> hapusPasien());
44
45 Button btnUrutkan = new Button("Urutkan Berdasarkan Usia");
46 btnUrutkan.setOnAction(e -> urutkanPasien());
47
48 root.getChildren().addAll(table, btnTambah, btnHapus, btnUrutkan);
49
50 Scene scene = new Scene(root, 600, 400);
51 stage.setTitle("MAZDA REZA AZHARI"
52 + "221011400264"
53 + "Aplikasi Manajemen Antrian Pasien");
54 stage.setScene(scene);
55 stage.show();
56
57
58 private void tambahPasien() {
59     Pasien pasien = new Pasien("Pasien " + (antrianPasien.getDaftarPasien().size() + 1), 20 + (int)(Math.random() * 10));
60     antrianPasien.tambahPasien(pasien);
61     updateTable();
62 }
```

52:32 INS Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Window Help AntrianPasien2 - Apache NetBeans IDE 21 Search (Ctrl+I) 287.3/434.0MB

Projects x Files Services

AntrianPasien [0000000...]
AntrianPasien2 [0000000...]
Source Packages
Model
AntrianPasien.java [-/A]
Pasien.java [-/A]
View
Main.java [-/A]
Test Packages
Libraries
Test Libraries
AntrianPasienApp [0000000...]
Source Packages
Model
app
controller
Test Packages
Libraries
Test Libraries
AntrianPasienRS [0000000...]
PemrogramanII [0000000...]
pertemuan2 [0000000...]
pertemuan77 [0000000...]
Terstruktur1 [0000000...]

Source History

```
57 private void tambahPasien() {  
58     Pasien pasien = new Pasien("Pasien " + (antrianPasien.getDaftarPasien().size() + 1), 20 + (ir  
59     antrianPasien.tambahPasien(pasien);  
60     updateTable();  
61 }  
62  
63 private void hapusPasien() {  
64     Pasien pasien = antrianPasien.hapusPasien();  
65     if (pasien != null) {  
66         updateTable();  
67     } else {  
68         showAlert("Tidak ada pasien dalam antrian.");  
69     }  
70 }  
71  
72 private void urutkanPasien() {  
73     antrianPasien.urutkanPasien();  
74     updateTable();  
75 }  
76  
77 private void updateTable() {  
78     table.getItems().clear();  
79     table.getItems().addAll(antrianPasien.getDaftarPasien());  
80 }  
81  
82 private void showAlert(String message) {  
83     Alert alert = new Alert(Alert.AlertType.INFORMATION);  
84     alert.setTitle("Pemberitahuan");  
85 }
```

52:32 INS | Windows (CRLF)

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help AntrianPasien2 - Apache NetBeans IDE 21 Search (Ctrl+I) 380.8/434.0MB

Projects X Files Services

.../A] Pasien.java [-/A] x AntrianPasien.java [-/A] x Main.java [-/A] x Pasien.java [-/A] x AntrianPasien.java [-/A]...

Source History

```
63
64     private void hapusPasien() {
65         Pasien pasien = antrianPasien.hapusPasien();
66         if (pasien != null) {
67             updateTable();
68         } else {
69             showAlert("Tidak ada pasien dalam antrian.");
70         }
71     }

72
73     private void urutkanPasien() {
74         antrianPasien.urutkanPasien();
75         updateTable();
76     }

77
78     private void updateTable() {
79         table.getItems().clear();
80         table.getItems().addAll(antrianPasien.getDaftarPasien());
81     }

82
83     private void showAlert(String message) {
84         Alert alert = new Alert(Alert.AlertType.INFORMATION);
85         alert.setTitle("Pemberitahuan");
86         alert.setHeaderText(null);
87         alert.setContentText(message);
88         alert.showAndWait();
89     }
90 }
91 }
```







