**public class** RideShareDriverFormFragment **extends** CruFragment {

DatePicker **datePicker**;

TimePicker **timePicker**;

EditText **name**;

EditText **locations**;

RadioButton **oneWayTo**;

RadioButton **oneWayFrom**;

RadioButton **twoWay**;

EditText **numberofSeats**;

Event **selectedEvent**;

MainActivity **parent**;

Button **submitButton**;

Button **cancelButton**;

RideDirection **direction** = **null**;

Calendar **calendar**;

**long time**;

**long date**;

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

**final** View fragmentView = **super**.onCreateView(inflater, container, savedInstanceState);

**parent** = getParent();

**selectedEvent** = EventsActivity.*getEvent*();

**name** = (EditText) fragmentView.findViewById(R.id.***name\_prompt\_input***);

**datePicker** = (DatePicker) fragmentView.findViewById(R.id.***departure\_date\_picker***);

**timePicker** = (TimePicker) fragmentView.findViewById(R.id.***departure\_time\_picker***);

**locations** = (EditText) fragmentView.findViewById(R.id.***list\_of\_locations***);

**oneWayTo** = (RadioButton) fragmentView.findViewById(R.id.***One\_Way\_To\_Checkbox***);

**oneWayFrom** = (RadioButton) fragmentView.findViewById(R.id.***One\_Way\_From\_Checkbox***);

**twoWay** = (RadioButton) fragmentView.findViewById(R.id.***Two\_Way\_Checkbox***);

**numberofSeats** = (EditText) fragmentView.findViewById(R.id.***number\_of\_seats***);

**submitButton** = (Button) fragmentView.findViewById(R.id.***driver\_form\_submit***);

**cancelButton** = (Button) fragmentView.findViewById(R.id.***driver\_form\_cancel***);

**datePicker**.setOnClickListener(**new** View.OnClickListener(){

@Override

**public void** onClick(View view) {

**calendar** = **new** GregorianCalendar(**datePicker**.getYear(),

**datePicker**.getMonth(),

**datePicker**.getDayOfMonth(),

0,

0);

**date** = **calendar**.getTimeInMillis();

}});

**timePicker**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Calendar timeCal = **new** GregorianCalendar(0,

0,

0,

**timePicker**.getCurrentHour(),

**timePicker**.getCurrentMinute());

**time** = timeCal.getTimeInMillis();

}

});

**oneWayFrom**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**direction** = RideDirection.***ONE\_WAY\_FROM\_EVENT***;

}});

**oneWayTo**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**direction** = RideDirection.***ONE\_WAY\_TO\_EVENT***;

}});

**twoWay**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**direction** = RideDirection.***TWO\_WAY***;

}});

**cancelButton**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Toast.*makeText*(**parent**, **"ride canceled"**, Toast.***LENGTH\_SHORT***);

*//Go back to previous fragment*

*//System.out.println("Submit clicked!");*

}

});

**submitButton**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**new** DisplayEventInfoTask().execute();

DriverForm form = **new** DriverForm(**selectedEvent**.getId());

**if** (**name**.getText() != **null**) {

form.answerQuestion(0, **name**.getText().toString());

}

**if** (**date** != 0){

form.answerQuestion(1, **date**);

}

**if** (**time** != 0){

form.answerQuestion(2, **time**);

}

**if** (**direction** != **null**){

form.answerQuestion(3, **direction**);

}

**if** (**locations**.getText() != **null**) {

form.answerQuestion(4, **locations**.getText().toString());

}

**if** (**numberofSeats**.getText() != **null**){

form.answerQuestion(5, Integer.*parseInt*(**numberofSeats**.getText().toString()));

}

FormValidationResult result = form.isFinishedDetailed();

**if** (result == FormValidationResult.***VALID***) {

form.submit();

} **else** {

*//not sure if this works but not sure what to put there.*

result.getMessage(**parent**);

}

Toast.*makeText*(**parent**, **"Submitted Driver Form"**, Toast.***LENGTH\_SHORT***);

}

});

**return** fragmentView;

}

**private class** DisplayEventInfoTask **extends** AsyncTask<Event, Void, Void> {

@Override

**protected** Void doInBackground(Event... params) {

*//RestUtil.create(Ride.toJSON(selectedEvent.getId(), new User("testDriver", "1234567"), 5, "test", RideDirection.ONE\_WAY\_TO\_EVENT), Database.REST\_RIDE);*

**return null**;

}

}

}

**public class** RideShareRiderFormFragment **extends** CruFragment{

DatePicker **datePicker**;

TimePicker **timePicker**;

EditText **name**;

EditText **locations**;

RadioButton **oneWayTo**;

RadioButton **oneWayFrom**;

RadioButton **twoWay**;

Event **selectedEvent**;

RideShareActivity **parent**;

Button **submitButton**;

Button **cancelButton**;

RideDirection **direction** = **null**;

Calendar **calendar**;

**long time**;

**long date**;

@Override

**public** View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

**final** View fragmentView = **super**.onCreateView(inflater, container, savedInstanceState);

**parent** = (RideShareActivity) getParent();

**selectedEvent** = EventsActivity.*getEvent*();

**name** = (EditText) fragmentView.findViewById(R.id.***name\_prompt\_input***);

**datePicker** = (DatePicker) fragmentView.findViewById(R.id.***departure\_date\_picker***);

**timePicker** = (TimePicker) fragmentView.findViewById(R.id.***departure\_time\_picker***);

**locations** = (EditText) fragmentView.findViewById(R.id.***list\_of\_locations***);

**oneWayTo** = (RadioButton) fragmentView.findViewById(R.id.***One\_Way\_To\_Checkbox***);

**oneWayFrom** = (RadioButton) fragmentView.findViewById(R.id.***One\_Way\_From\_Checkbox***);

**twoWay** = (RadioButton) fragmentView.findViewById(R.id.***Two\_Way\_Checkbox***);

**submitButton** = (Button) fragmentView.findViewById(R.id.***driver\_form\_submit***);

**cancelButton** = (Button) fragmentView.findViewById(R.id.***driver\_form\_cancel***);

**datePicker**.setOnClickListener(**new** View.OnClickListener(){

@Override

**public void** onClick(View view) {

**calendar** = **new** GregorianCalendar(**datePicker**.getYear(),

**datePicker**.getMonth(),

**datePicker**.getDayOfMonth(),

0,

0);

**date** = **calendar**.getTimeInMillis();

}});

**timePicker**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Calendar timeCal = **new** GregorianCalendar(0,

0,

0,

**timePicker**.getCurrentHour(),

**timePicker**.getCurrentMinute());

**time** = **calendar**.getTimeInMillis();

}

});

**oneWayFrom**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**direction** = RideDirection.***ONE\_WAY\_FROM\_EVENT***;

}});

**oneWayTo**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**direction** = RideDirection.***ONE\_WAY\_TO\_EVENT***;

}});

**twoWay**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**direction** = RideDirection.***TWO\_WAY***;

}});

**cancelButton**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

Toast.*makeText*(**parent**, **"ride canceled"**, Toast.***LENGTH\_SHORT***);

*//Go back to previous fragment*

*//System.out.println("Submit clicked!");*

}

});

**submitButton**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**new** DisplayEventInfoTask().execute();

RiderForm form = **new** RiderForm(**selectedEvent**.getId());

**if** (**name**.getText() != **null**) {

form.answerQuestion(0, **name**.getText().toString());

}

**if** (**date** != 0){

form.answerQuestion(1, **date**);

}

**if** (**time** != 0){

form.answerQuestion(2, **time**);

}

**if** (**direction** != **null**){

form.answerQuestion(3, **direction**);

}

**if** (**locations**.getText() != **null**) {

form.answerQuestion(4, **locations**.getText().toString());

}

FormValidationResult result = form.isFinishedDetailed();

**if** (result == FormValidationResult.***VALID***) {

*//submit*

Toast.*makeText*(**parent**, **"Rider Form Submitted"**, Toast.***LENGTH\_SHORT***);

} **else** {

result.getMessage(**parent**);

}

System.***out***.println(**"Submit clicked!"**);

}

});

**return** fragmentView;

}

**private class** DisplayEventInfoTask **extends** AsyncTask<Event, Void, Void> {

@Override

**protected** Void doInBackground(Event... params) {

*//RestUtil.create(Ride.toJSON(selectedEvent.getId(), new User("testDriver", "1234567"), 5, "test", RideDirection.ONE\_WAY\_TO\_EVENT), Database.REST\_RIDE);*

**return null**;

}

}

}

Driver form.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"**

**android:layout\_width="match\_parent" android:layout\_height="match\_parent"**>

<**ScrollView**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**>

<**RelativeLayout**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingLeft="10dp"**

**android:paddingRight="10dp"**>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_username"**

**android:id="@+id/name\_prompt"**

**android:textSize="15sp"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentStart="true"**

**android:padding="10dp"**/>

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:id="@+id/name\_prompt\_input"**

**android:layout\_below="@+id/name\_prompt"**

**android:textSize="15sp"**

**android:paddingTop="5dp"**/>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="60dp"**

**android:text="@string/ridesharing\_choose\_day"**

**android:id="@+id/departure\_date\_prompt"**

**android:textSize="15sp"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentStart="true"**

**android:layout\_below="@+id/name\_prompt\_input"**

**android:padding="10dp"**/>

<**DatePicker**

**android:layout\_width="match\_parent"**

**android:layout\_height="350dp"**

**android:id="@+id/departure\_date\_picker"**

**android:layout\_below="@+id/departure\_date\_prompt"**

**android:padding="10dp"**

**android:datePickerMode="calendar"**

**android:headerBackground="@color/colorAccent\_cruBrightBlue"**/>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="60dp"**

**android:text="@string/ridesharing\_choose\_time"**

**android:layout\_below="@+id/departure\_date\_picker"**

**android:id="@+id/departure\_time\_prompt"**

**android:textSize="15sp"**

**android:padding="10dp"**/>

<**TimePicker**

**android:layout\_width="match\_parent"**

**android:layout\_height="360dp"**

**android:timePickerMode="clock"**

**android:id="@+id/departure\_time\_picker"**

**android:layout\_below="@+id/departure\_time\_prompt"**

**android:padding="10dp"**

**android:headerBackground="@color/colorAccent\_cruBrightBlue"**/>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_location"**

**android:id="@+id/leave\_location\_prompt"**

**android:layout\_below="@+id/departure\_time\_picker"**

**android:textSize="15sp"**

**android:padding="10dp"** />

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:id="@+id/list\_of\_locations"**

**android:layout\_below="@+id/leave\_location\_prompt"**

**android:textSize="15sp"** />

<**RadioGroup xmlns:android="http://schemas.android.com/apk/res/android"**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:orientation="vertical"**

**android:id="@+id/direction\_options"**

**android:layout\_below="@+id/list\_of\_locations"**>

<**RadioButton**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_one\_way\_to\_event"**

**android:id="@+id/One\_Way\_To\_Checkbox"**

**android:onClick="onRadioButtonClicked"**/>

<**RadioButton**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_one\_way\_from\_event"**

**android:id="@+id/One\_Way\_From\_Checkbox"**

**android:layout\_below="@+id/One\_Way\_To\_Checkbox"**

**android:onClick="onRadioButtonClicked"**/>

<**RadioButton**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_two\_way"**

**android:id="@+id/Two\_Way\_Checkbox"**

**android:layout\_below="@+id/One\_Way\_From\_Checkbox"** />

</**RadioGroup**>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="65dp"**

**android:textSize="15sp"**

**android:padding="10dp"**

**android:text="@string/ridesharing\_seats"**

**android:id="@+id/number\_of\_seats\_prompt"**

**android:layout\_below="@+id/direction\_options"** />

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:id="@+id/number\_of\_seats"**

**android:layout\_below="@+id/number\_of\_seats\_prompt"**

**android:textSize="15sp"**/>

<**Button**

**android:layout\_width="100dp"**

**android:layout\_height="50dp"**

**android:text="@string/cancel"**

**android:id="@+id/driver\_form\_cancel"**

**android:shadowColor="@color/colorPrimary\_cruGrayLight"**

**android:layout\_below="@+id/number\_of\_seats"**

**android:padding="10dp"**

**android:layout\_alignParentBottom="true"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentStart="true"**

**android:layout\_marginLeft="30dp"**

**android:layout\_marginStart="30dp"** />

<**Button**

**android:layout\_width="100dp"**

**android:layout\_height="50dp"**

**android:text="@string/submit"**

**android:id="@+id/driver\_form\_submit"**

**android:layout\_below="@+id/leave\_location\_prompt"**

**android:shadowColor="@color/colorPrimary\_cruGrayLight"**

**android:padding="10dp"**

**android:layout\_alignParentBottom="true"**

**android:layout\_alignParentRight="true"**

**android:layout\_alignParentEnd="true"**

**android:layout\_marginRight="30dp"**

**android:layout\_marginEnd="30dp"** />

</**RelativeLayout**>

</**ScrollView**>

</**RelativeLayout**>

Rider form.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"**

**android:layout\_width="match\_parent" android:layout\_height="match\_parent"**>

<**ScrollView**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**>

<**RelativeLayout**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingLeft="10dp"**

**android:paddingRight="10dp"**>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_username"**

**android:id="@+id/name\_prompt"**

**android:textSize="15sp"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentStart="true"**

**android:padding="10dp"**/>

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="50dp"**

**android:id="@+id/name\_prompt\_input"**

**android:layout\_below="@+id/name\_prompt"**

**android:textSize="15sp"**

**android:paddingTop="5dp"**/>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="60dp"**

**android:text="@string/ridesharing\_choose\_day"**

**android:id="@+id/departure\_date\_prompt"**

**android:textSize="15sp"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentStart="true"**

**android:layout\_below="@+id/name\_prompt\_input"**

**android:padding="10dp"**/>

<**DatePicker**

**android:layout\_width="match\_parent"**

**android:layout\_height="350dp"**

**android:id="@+id/departure\_date\_picker"**

**android:layout\_below="@+id/departure\_date\_prompt"**

**android:padding="10dp"**

**android:datePickerMode="calendar"**

**android:headerBackground="@color/colorAccent\_cruBrightBlue"**/>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="60dp"**

**android:text="@string/ridesharing\_choose\_time"**

**android:layout\_below="@+id/departure\_date\_picker"**

**android:id="@+id/departure\_time\_prompt"**

**android:textSize="15sp"**

**android:padding="10dp"**/>

<**TimePicker**

**android:layout\_width="match\_parent"**

**android:layout\_height="360dp"**

**android:timePickerMode="clock"**

**android:id="@+id/departure\_time\_picker"**

**android:layout\_below="@+id/departure\_time\_prompt"**

**android:padding="10dp"**

**android:headerBackground="@color/colorAccent\_cruBrightBlue"**/>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_location"**

**android:id="@+id/leave\_location\_prompt"**

**android:layout\_below="@+id/departure\_time\_picker"**

**android:textSize="15sp"**

**android:padding="10dp"** />

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:id="@+id/list\_of\_locations"**

**android:layout\_below="@+id/leave\_location\_prompt"**

**android:textSize="15sp"** />

<**RadioGroup xmlns:android="http://schemas.android.com/apk/res/android"**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:orientation="vertical"**

**android:id="@+id/direction\_options"**

**android:layout\_below="@+id/list\_of\_locations"**>

<**RadioButton**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_one\_way\_to\_event"**

**android:id="@+id/One\_Way\_To\_Checkbox"**

**android:onClick="onRadioButtonClicked"**/>

<**RadioButton**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_one\_way\_from\_event"**

**android:id="@+id/One\_Way\_From\_Checkbox"**

**android:layout\_below="@+id/One\_Way\_To\_Checkbox"**

**android:onClick="onRadioButtonClicked"**/>

<**RadioButton**

**android:layout\_width="match\_parent"**

**android:layout\_height="40dp"**

**android:text="@string/ridesharing\_two\_way"**

**android:id="@+id/Two\_Way\_Checkbox"**

**android:layout\_below="@+id/One\_Way\_From\_Checkbox"** />

</**RadioGroup**>

<**Button**

**android:layout\_width="100dp"**

**android:layout\_height="50dp"**

**android:text="@string/cancel"**

**android:id="@+id/driver\_form\_cancel"**

**android:shadowColor="@color/colorPrimary\_cruGrayLight"**

**android:layout\_below="@+id/direction\_options"**

**android:padding="10dp"**

**android:layout\_alignParentBottom="true"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentStart="true"**

**android:layout\_marginLeft="30dp"**

**android:layout\_marginStart="30dp"** />

<**Button**

**android:layout\_width="100dp"**

**android:layout\_height="50dp"**

**android:text="@string/submit"**

**android:id="@+id/driver\_form\_submit"**

**android:layout\_below="@+id/leave\_location\_prompt"**

**android:shadowColor="@color/colorPrimary\_cruGrayLight"**

**android:padding="10dp"**

**android:layout\_alignParentBottom="true"**

**android:layout\_alignParentRight="true"**

**android:layout\_alignParentEnd="true"**

**android:layout\_marginRight="30dp"**

**android:layout\_marginEnd="30dp"** />

</**RelativeLayout**>

</**ScrollView**>

</**RelativeLayout**>