

Correction TP04**Matière : ATELIER DEVELOPPEMENT MOBILE 1****Classes : SEM21**

```
private void init() {
    edM = findViewById(R.id.edM);
    spT = findViewById(R.id.spT);
    seekNbP = findViewById(R.id.seekNbP);
    rdgP = findViewById(R.id.rdgC);
    rdLe = findViewById(R.id.rdLe);
    btnA = findViewById(R.id.btnA);
    btnE = findViewById(R.id.btnE);
    btnV = findViewById(R.id.btnV);
    edR = findViewById(R.id.edR);
    lstT = findViewById(R.id.lstT);
    adpT = new ArrayAdapter<Ticket>(this,
    android.R.layout.simple_list_item_1);
    lstT.setAdapter(adpT);
    effacer();
    ajouterEcouteurs();
}
private void ajouterEcouteurs() {
    btnA.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            ajouter();
        }
    });
    btnE.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            effacer();
        }
    });
    btnV.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            vider();
        }
    });
    lstT.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int
position, long id) {
            afficher(position);
        }
    });
}
private void ajouter() {
    String m = edM.getText().toString();
    String r = edR.getText().toString();
    if (!m.isEmpty() && !r.isEmpty()) {
        int nbP = seekNbP.getProgress();
        int rem=Integer.parseInt(r);
```

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        if(nbP>0) {
            if(rem<=100) {
                String t = (String) spT.getSelectedItem();
                boolean p = true;
                switch (rdgP.getCheckedRadioButtonId()) {
                    case R.id.rdLe:
                        p = true;    break;
                    case R.id.rdLo:
                        p = false;   break;
                }
                Ticket ticket = new Ticket(m, t, nbP, p, rem);
                adpT.add(ticket);
                effacer();
            }else{
                Toast.makeText(this, "remise<100 SVP!",
Toast.LENGTH_LONG).show();
            }
        }else{
            Toast.makeText(this, "Nb Passager>0 SVP!",
Toast.LENGTH_LONG).show();
        }
    } else {
        Toast.makeText(this, "Remplir tous les champs SVP!",
Toast.LENGTH_LONG).show();
    }
}

private void effacer() {
    edM.setText("");
    spT.setSelection(0);
    seekNbP.setProgress(1);
    rdLe.setChecked(true);
    edR.setText("");
}

private void vider() {
    AlertDialog.Builder b = new AlertDialog.Builder(this);
    b.setTitle("Vider la liste!");
    b.setMessage("Tous les tickets seront supprimer!");
    b.setPositiveButton("Valider", new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface arg0, int arg1) {
            adpT.clear();
        }
    });
    b.setNegativeButton("Annuler", new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
        }
    });
    AlertDialog alertDialog = b.create();
    alertDialog.show();
}

private void afficher(int position) {
    Ticket t=adpT.getItem(position);
    String m="";
    m="Matricule: "+t.getMatricule()+"\n"
    +"Description:
    "+t.getType()+"", "+t.getNbPassager()+"P, "+t.getStrPoids()+"\n"
    +"Remise: "+t.getRemise()+"%\n"
    +"Prix total: "+t.getPrix()+"DT";
    Toast.makeText(this, m, Toast.LENGTH_LONG).show();
}
}

```