```
/* Here are the declarations of the data type
   and the signals that will be used in the
   testcases   */

/* Code written by: Juan Pablo Giron Ruiz */


module declaration_Signals
{

  /* Step 1. Definition of data Types */

  type integer spots;
  type integer numCtrl;
  type integer numZone;
  type integer numEntryWay_In;
  type integer numEntryWay_Out;
  type integer ID_User;

  /* Step 2. Declaration of the Signals */
  /* The PURE Signals are enumerated, signals
  with parameters are type record */
  /* The name of the signals must be the same that in
  SDL system */

  /*Signals with parameters */
  /* Channel cDisplay_main*/

  type record sReqInfoCtrlZone
  {
      numCtrl num_Ctrl,
      numZone num_Zone
  }

  type record sInfoCtrlZone
  {
      spots freeSpots
  }

  /* Channel cEnv_pTesting  */

  type record sEntryCarCtrl
  {
      numCtrl num_Ctrl
  }
  type record sOutCarCtrl
  {
      numCtrl num_Ctrl
  }
  type record sEntryCarZone
  {
      numZone num_Zone
  }
  type record sOutCarZone
  {
      numZone num_Zone
```

continue...

```
  }


  /*Channel cEnv_Main*/

  type enumerated sCreateCtrlZone {e_sCreateCtrlZone}
  type enumerated sOkCreateCtrl {e_sOkCreateCtrl}
  type enumerated sOkCreationZone {e_sOkCreationZone}
  type enumerated sCreateEntryWay {e_sCreateEntryWay}

  type record sAddZone
  {
      numCtrl num_Ctrl,
      spots totalSpots,
      spots freeSpots
  }

  /*Channel cEnv_CR */
  type record sIDUserFromEnv
  {
      ID_User ID
  }

}
```