

## CRC Cards

Class name: <i>User</i>	
Responsibilities	Collaborators
<i>start up system</i> <i>view report</i>	<i>GUI</i>

Class name: <i>Vehicle</i>	
Superclass: <i>Drawable</i>	
Responsibilities	Collaborators
<i>set coordinates</i> <i>set position on road</i> <i>set/get speed</i> <i>set/get aggression</i>	<i>Drawable</i>

Class name: <i>GUI</i>	
Responsibilities	Collaborators
<i>show user interface</i> <i>invoke logic</i> <i>add layout</i> <i>add vehicle</i> <i>store report</i>	<i>Logic</i> <i>Layout</i> <i>Vehicle</i>

Class name: <i>Layout</i>	
Superclass: <i>Drawable</i>	
Responsibilities	Collaborators
<i>set coordinates</i> <i>set/get speed limit</i> <i>set road condition</i>	<i>Drawable</i>

Class name: <i>Logic</i>	
Responsibilities	Collaborators
<i>scan roads</i> <i>record vehicles</i> <i>average speed</i> <i>get report</i>	<i>Layout</i> <i>Vehicle</i> <i>Behaviour</i> <i>Result</i>

Class name: <i>Drawable</i>	
Subclass: <i>Vehicle, Layout</i>	
Responsibilities	Collaborators
<i>draw added items</i>	

Class name: <i>Behaviour</i>	
Responsibilities	Collaborators
<i>increase speed</i> <i>reduce speed</i> <i>scan this road</i> <i>scan side road</i> <i>overtake</i>	<i>Vehicle</i> <i>Layout</i>

Class name:	
Responsibilities	Collaborators

Class name: <i>Result</i>	
Responsibilities	Collaborators
<i>format average speed</i> <i>generate report</i>	<i>Logic</i>

Class name:	
Responsibilities	Collaborators