

CTMC

To have this assignment evaluated for the in-class exam, please upload on WeBeep a ZIP file including:

- the source code used to solve this assignment
- this file, with the table below properly filled

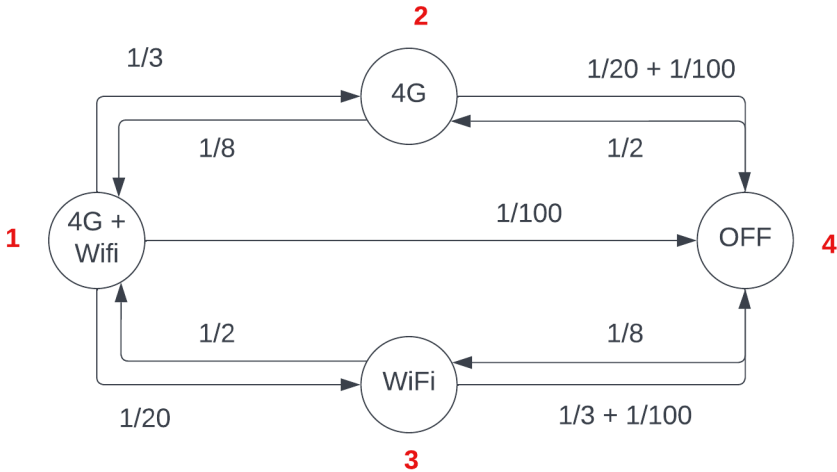
Name (Family + given)	Romito Alessandro																	
Student ID (codice persona)	10661916																	
QR-code ID (8 digits of the QR that was given you)	34392705																	
	<p>CTMC drawing:</p> 																	
	<p>Infinitesimal generator matrix:</p> <p>Q=</p> <table border="1"> <tbody> <tr> <td>-0.3933</td><td>0.3333</td><td>0.0500</td><td>0.0100</td></tr> <tr> <td>0.1250</td><td>-0.1850</td><td>0</td><td>0.0600</td></tr> <tr> <td>0.5000</td><td>0</td><td>-0.8433</td><td>0.3433</td></tr> <tr> <td>0</td><td>0.5000</td><td>0.1250</td><td>-0.6250</td></tr> </tbody> </table>			-0.3933	0.3333	0.0500	0.0100	0.1250	-0.1850	0	0.0600	0.5000	0	-0.8433	0.3433	0	0.5000	0.1250
-0.3933	0.3333	0.0500	0.0100															
0.1250	-0.1850	0	0.0600															
0.5000	0	-0.8433	0.3433															
0	0.5000	0.1250	-0.6250															

Figure with the evolution of the state probabilities as function of time.

