

AMazeActivity	State Title
Menu Screen that displays various options: <ul style="list-style-type: none"> • Levels • Generation Type <ul style="list-style-type: none"> ○ From file ○ Randomly generated • Driver Start button	activity_amaze.xml R.java strings.xml styles.xml amaze.xml GeneratingActivity.java

GeneratingActivity	State Generating
Displays maze generation progress	generating.xml activity_generating.xml strings.xml R.java AMazeActivity.java PlayActivity.java

PlayActivity	State Play
Displays maze graphics and allows user to navigate/watch robot explore maze Displays remaining energy and path length Pause button – used in “watch” mode Navigation buttons – “navigation” mode Toggle Buttons <ul style="list-style-type: none"> • View • Solution • Walls 	strings.xml activity_play.xml play.xml AMazeActivity.java GeneratingActivity.java FinishActivity.java R.java

FinishActivity	State Finish
Informs user of results	strings.xml
Indicates how to restart	activity_finish.xml
Displays energy consumption and path length	finish.xml
Explains why robot stopped	AMazeActivity.java
<ul style="list-style-type: none"> • Reached exit • Ran out of battery • Broken 	PlayActivity.java
Back button – return to state title	R.java