Integration test

# Version history

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| --- | --- | --- | --- |
| Editor | Date | Version | Description |
| N/A | 20 Feb 2021 | 1.0.0 | Initial release |

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# Welcome page

## Case: Should be able to show welcome page when the application is launched

Graphical user interface, text

Description automatically generated

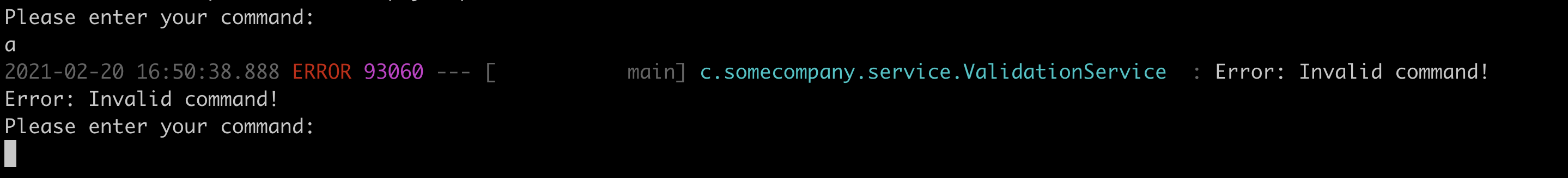
# User input

## Case: Should be able to throw error if user input is empty

Text

Description automatically generated

## Case: Should be able to throw error if command is invalid



## Case: Should be able to throw error if the PLACE command has invalid format (More than 2 parts including the command)

Text

Description automatically generated

## Case: Should be able to throw error if the PLACE command has invalid format (More than 3 elements in the part of the params)

Text

Description automatically generated

## Case: Should be able to throw error if the MOVE command has more than 1 part (it should contain only the command)

Text

Description automatically generated

## Case: Should be able to throw error if the LEFT command has more than 1 part (it should contain only the command)

Text

Description automatically generated

## Case: Should be able to throw error if the RIGHT command has more than 1 part (it should contain only the command)

Graphical user interface, text

Description automatically generated

## Case: Should be able to throw error if the REPORT command has more than 1 part (it should contain only the command)

Graphical user interface, text

Description automatically generated

# PLACE command

## Case: Should be able to place the robot on the table

Graphical user interface, text, application

Description automatically generated

## Case: Should be able to throw error if the x-coordinate param is not an integer

Text

Description automatically generated

## Case: Should be able to throw error if attempt to place the robot on the table with the x-coordinate < 0

Graphical user interface, text

Description automatically generated

## Case: Should be able to throw error if attempt to place the robot on the table with the x-coordinate > 5

Graphical user interface, text

Description automatically generated

## Case: Should be able to throw error if the y-coordinate param is not an integer

Text

Description automatically generated

## Case: Should be able to throw error if attempt to place the robot on the table with the y-coordinate < 0

Graphical user interface, text

Description automatically generated

## Case: Should be able to throw error if attempt to place the robot on the table with the y-coordinate > 5

Graphical user interface, text

Description automatically generated

## Case: Should be able to throw error if the facing is invalid

Text

Description automatically generated

# MOVE command

## Case: Should be able to move robot east

Shape

Description automatically generated with medium confidence

## Case: Should be able to move robot south

Shape

Description automatically generated with medium confidence

## Case: Should be able to move robot west

Shape

Description automatically generated with medium confidence

## Case: Should be able to move robot north

Shape

Description automatically generated with medium confidence

## Case: Should be able to throw error on MOVE command if robot does not have location

Text

Description automatically generated

## Case: Should be able to throw error if robot will fall off table after moving east

Text

Description automatically generated

## Case: Should be able to throw error if robot will fall off table after moving south

Text

Description automatically generated

## Case: Should be able to throw error if robot will fall of table after moving west

Text

Description automatically generated

## Case: Should be able to throw error if robot will fall of table after moving north

Text

Description automatically generated

# LEFT command

## Case: Should be able to turn the robot to face north if it is facing east

Shape

Description automatically generated with medium confidence

## Case: Should be able to turn the robot to face west if it is facing north

Shape

Description automatically generated with medium confidence

## Case: Should be able to turn the robot to face south if it is facing west

Shape

Description automatically generated with medium confidence

## Case: Should be able to turn the robot to face east if it is facing south

Shape

Description automatically generated with medium confidence

## Case: Should be able to throw error on LEFT command if robot does not have location

Text

Description automatically generated

# RIGHT command

## Case: Should be able to turn the robot to face south if it is facing east

Shape

Description automatically generated with medium confidence

## Case: Should be able to turn the robot to face west if it is facing south

Shape

Description automatically generated with medium confidence

## Case: Should be able to turn the robot to face north if it is facing west

Shape

Description automatically generated with medium confidence

## Case: Should be able to turn the robot to face east if it is facing north

Shape

Description automatically generated with medium confidence

## Case: Should be able to throw error on RIGHT command if robot does not have location

Text

Description automatically generated

# REPORT command

## Case: Should be able to report the robot's location

A black background with white text

Description automatically generated with low confidence

## Case: Should be able to throw error on REPORT command if robot does not have location

Text

Description automatically generated

# Logging

## Case: Should be able to log system logs

Graphical user interface, text

Description automatically generated

## Case: Should be able to log error logs related to program run

Graphical user interface, text

Description automatically generated

## Case: Should not show the logs in the console

A picture containing text

Description automatically generated