

Document Version:1.1
Date: 6th September 2018
Author : Mintumol Thomas

Purpose of the document

This User Manual provides the information necessary for all users to effectively use the system Starwars Console application.

This document is the property of the author.
It may not be reproduced or communicated without the author's prior agreement.

Document history

Version

Date**Drafter**

Description

Distribution

Receiver

For validation

**For
information**

Validation

Representative

Validator

Date

Contents

PURPOSE OF THE DOCUMENT

DOCUMENT HISTORY

DISTRIBUTION

VALIDATION

1. PRESENTATION OF THE SOLUTION

- 1.1 Brief description
- 1.2 Project players
- 1.3 Support
- 1.4 Referenced Documentation

2. STRUCTURING OF THE APPLICATION

- 2.1 Layout
- 2.2 Menus
- 2.3 Icons / Shortcuts
- 2.4 Functionalities
 - 2.4.1 Functionalities Presented/Described

3. FUNCTION

- 3.1 Screenshot
- 3.2 Description of actions

4. APPENDICES

- 4.1 Appendix 1
-

1. PRESENTATION OF THE SOLUTION

1 Brief description

This console application will provide all the star war data user wants. In the initial phase, application deals with Star ships data. This application communicates with Star Wars API to retrieve star ship information as per the user's request.

1.2 Project players

Developer : Mintumol Thomas

1.3 Support

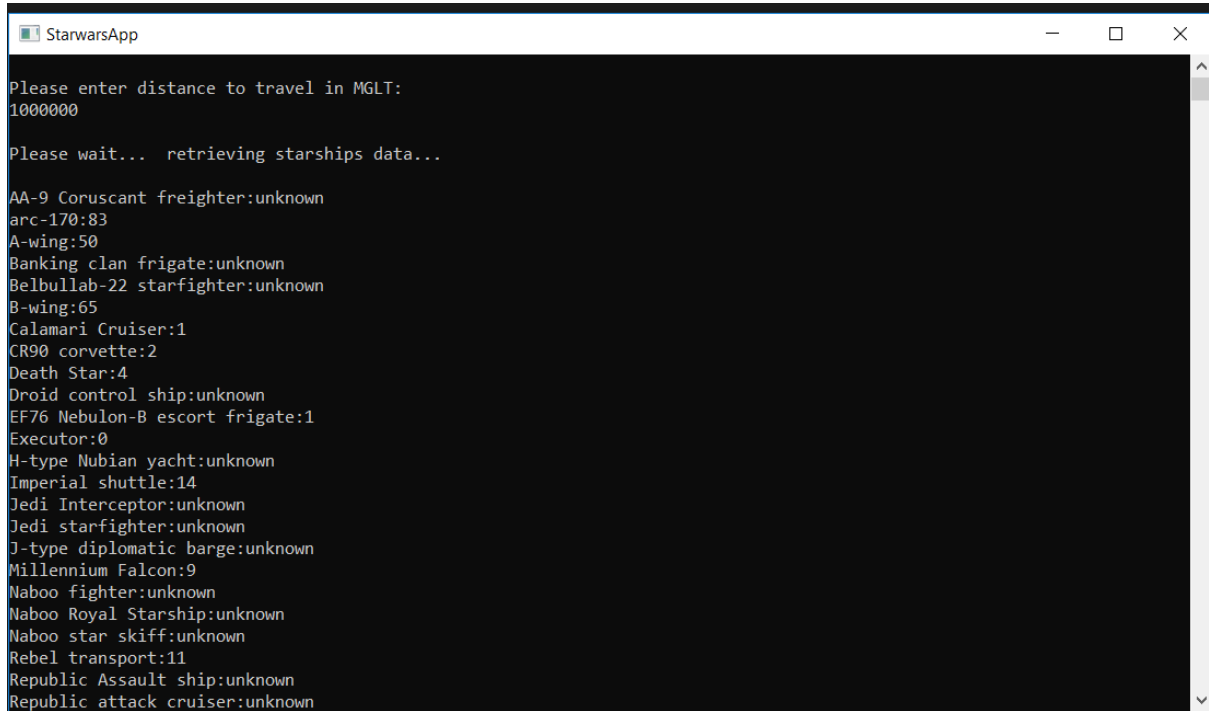
Support email: mintu008@gmail.com

1.4 Referenced Documentation

<https://swapi.co/>

2. STRUCTURING OF THE APPLICATION

2.1 Layout



```
StarwarsApp
Please enter distance to travel in MGLT:
1000000

Please wait... retrieving starships data...

AA-9 Coruscant freighter:unknown
arc-170:83
A-wing:50
Banking clan frigate:unknown
Belbullab-22 starfighter:unknown
B-wing:65
Calamari Cruiser:1
CR90 corvette:2
Death Star:4
Droid control ship:unknown
EF76 Nebulon-B escort frigate:1
Executor:0
H-type Nubian yacht:unknown
Imperial shuttle:14
Jedi Interceptor:unknown
Jedi starfighter:unknown
J-type diplomatic barge:unknown
Millennium Falcon:9
Naboo fighter:unknown
Naboo Royal Starship:unknown
Naboo star skiff:unknown
Rebel transport:11
Republic Assault ship:unknown
Republic attack cruiser:unknown
```

2.2 Functionalities

2.2.1 FUNCTIONALITIES PRESENTED/DESCRIBED

1. Calculate Number of resupplies needed for a star ship

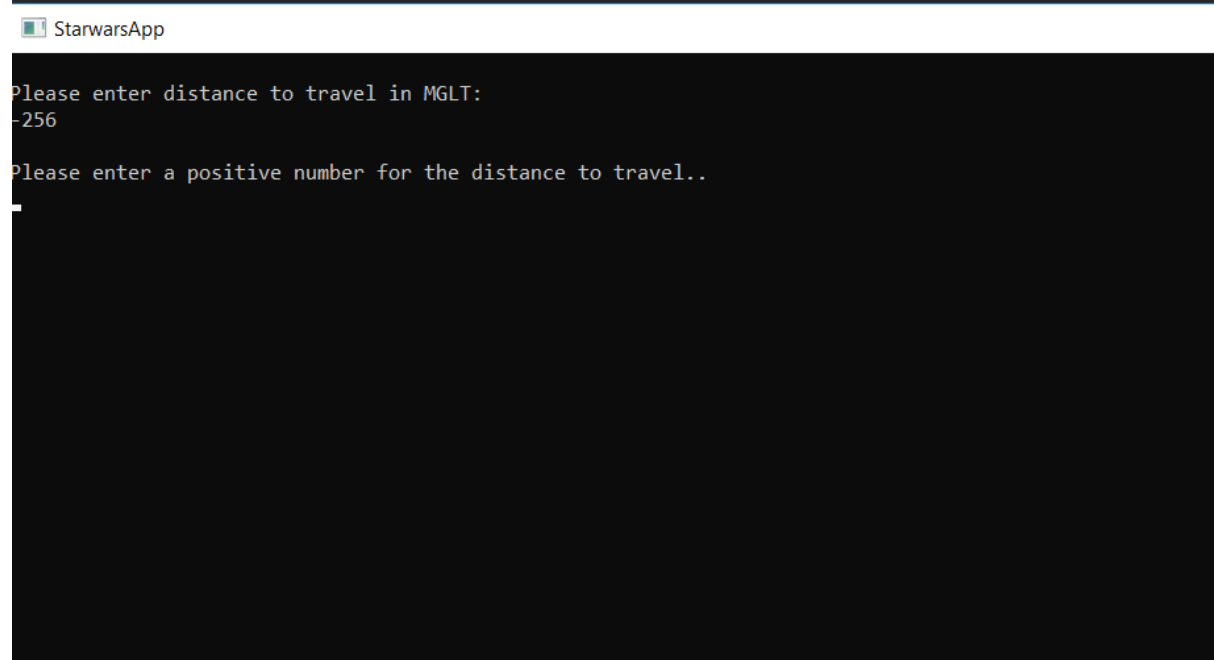
User can input a distance to be travelled for spaceship to display an output showing list of all spaceships along with the number of stops required to make the distance between the planets. The application will take the input distance in mega light (MGLT).

3. FUNCTIONS

3.1 actions

1. Enter distance in MGLT
2. If the input given is not valid, application will display validation error
3. If user inputs a valid positive number, application will establish communication channel with Star Wars API to retrieve requested data
4. Application will get requested data from the API and process
5. Application will display requested output to the user

3.2 Screenshot



```
StarwarsApp
Please enter distance to travel in MGLT:
1000000

Please wait... retrieving starships data...

AA-9 Coruscant freighter:unknown
arc-170:83
A-wing:50
Banking clan frigate:unknown
Belbullab-22 starfighter:unknown
B-wing:65
Calamari Cruiser:1
CR90 corvette:2
Death Star:4
Droid control ship:unknown
EF76 Nebulon-B escort frigate:1
Executor:0
H-type Nubian yacht:unknown
Imperial shuttle:14
Jedi Interceptor:unknown
Jedi starfighter:unknown
J-type diplomatic barge:unknown
Millennium Falcon:9
Naboo fighter:unknown
Naboo Royal Starship:unknown
Naboo star skiff:unknown
Rebel transport:11
Republic Assault ship:unknown
Republic attack cruiser:unknown
```

4. APPENDICES

4.1 Appendix 1

End of document

