

FUNCTIONAL SCENARIOS OF THE CAR RENTAL APP

In the four screenshots below, four different cases of using the App is shown. The cases cover different cars and models and also highlighted the different possible insurance options (basic, comprehensive and not needed insurance option)

DC RENTAL VALUER

Initial Price : \$78.0
Price with insurance : \$85.8
Final price after tax : \$98.67

Brand: Honda
Model: Accord
Year: 2020
No of Hours: 4
Insurance Options: ☒ Basic ☐ Comprehensive ☐ Not Needed

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DC RENTAL VALUER

Initial Price : \$76.0
Final price after tax : \$87.4

Brand: Chevrolet
Model: Silverado
Year: 2022
No of Hours: 2
Insurance Options: ☐ Basic ☐ Comprehensive ☒ Not Needed

SHOW PRICE CLEAR

DC RENTAL VALUER

Initial Price : \$320.0
Price with insurance : \$352.0
Final price after tax : \$404.8

Brand: Lexus
Model: GX460
Year: 2021
No of Hours: 10
Insurance Options: ☐ Basic ☐ Comprehensive ☒ Not Needed

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DC RENTAL VALUER

Initial Price : \$52.6
Price with insurance : \$65.75
Final price after tax : \$75.61

Brand: Kia
Model: Stinger
Year: 2021
No of Hours: 2
Insurance Options: ☐ Basic ☒ Comprehensive ☐ Not Needed

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In the next screenshot, the user did not go into the Model box to select a model of Kia which would have been populated accordingly once you choose your brand of car. The GX460 is a model of Lexus and not Kia and that was the reason the App came up with an error message as it has the wrong brand and model combination.

DC RENTAL VALUER

Invalid entry entered or you haven't selected an insurance option

Brand: Kia
Model: GX460
Year: 2021
No of Hours: 10
Insurance Options: ☐ Basic ☒ Comprehensive ☐ Not Needed

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The next case depicted by a screenshot is the result of not selecting any insurance option and the App therefore returned an error message as shown below:

DC RENTAL VALUER

Invalid entry entered or you haven't selected an insurance option

Brand Toyota

Model Camry

Year 2020

No of Hours 5

Insurance Options

☐ Basic ☐ Comprehensive ☐ Not Needed

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With a little tweak to the above by selecting any of the insurance option, the App returned the appropriate outputs as shown in the screenshots below:

DC RENTAL VALUER

Initial Price : \$110.0
Price with insurance : \$121.0
Final price after tax : \$139.15

Brand Toyota

Model Camry

Year 2020

No of Hours 5

Insurance Options

☒ Basic ☐ Comprehensive ☐ Not Needed

SHOW PRICE CLEAR

DC RENTAL VALUER

Initial Price : \$110.0
Price with insurance : \$137.5
Final price after tax : \$158.12

Brand Toyota

Model Camry

Year 2020

No of Hours 5

Insurance Options

☐ Basic ☒ Comprehensive ☐ Not Needed

SHOW PRICE CLEAR

DC RENTAL VALUER

Initial Price : \$110.0
Price with insurance : \$126.5
Final price after tax : \$126.5

Brand Toyota

Model Camry

Year 2020

No of Hours 5

Insurance Options

☐ Basic ☐ Comprehensive ☒ Not Needed

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Finally, another instance that could trigger an error message is entering a non-numerical value as the number of hours, and this scenario is depicted by the screenshot shown below:

DC RENTAL VALUER

Invalid entry entered or you haven't selected an insurance option

Brand Toyota

Model Camry

Year 2020

No of Hours 1xyz3

Insurance Options

☐ Basic ☐ Comprehensive ☐ Not Needed

SHOW PRICE CLEAR