CARTOOL

By TIKARAI.COM

Agenda

01

About us

02

Problem

03

Solution

04

Key Features

05

Technology Stack

06

Demo

About Us

"We believe that artificial intelligence is more than just technology — it's a driving force for real-world progress."

Problem

Slow

- Manual damage assessment is slow
- Manual Claims processing is often delayed

Subjective

- Manual damage assessment is subjective
- Manual Repair Cost estimates are subjective.

Solution

Fast

- AI-based image analysis is fast and delivers instant results.

Objective

- Repair Cost Estimation is Accurate Efficient and Objective.

Key Features

- Image upload and real-time analysis
- Damage type and severity classification
- Repair Cost estimation engine

Tech Stack

Used Technology Stack

BackEnd	Java, Spring
FrontEnd	React
Database	PostgreSql

CarTool UI/UX

CarTool

Generate Report | Save

Vehicle Damage Assessment

Upload Images

Choose Images

Analyze images

Detected Damaged Parts

☐ Front Dumper	Good
☐ Rear Bumper	Good
☐ Hood	Good
☐ Bonnet	Good
☐ Trunk	Good
☐ Front Door Passenger	Good
☐ Front Door Driver side	Good
☐ Back Door Driver side	Good

Reset

AI Image Analysis Results

Damage Summary

● Severe Damage ● Moderate Damage ● Light Damage ● No Damage

Estimated Repair Cost: $1.309.04

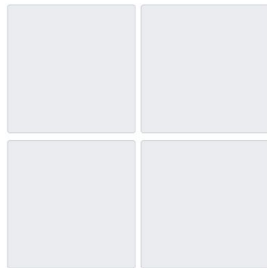# Before Upload photos

CarTool

Generate Report | Save

Vehicle Damage Assessment

Upload images of your vehicle for damage assessment

Choose Images | Analyze Images

Detected Damaged Parts

- ☐ Front Bumper
- ☐ Rear Bumper
- ☐ Hood
- ☐ Bonnet
- ☐ Roof
- ☐ Trunk

AI Image Analysis Results

Damage Summary

■ Severe Damage　■ Moderate Damage　■ Light Damage　■ No Damage

Estimated Repair Cost: $0.00

Diagnostic Report | Repair Details | Vehicle Information

After Upload Photos

CarTool

Generate Report | Save

Vehicle Damage Assessment

Upload images of your vehicle for damage assessment

Choose Images | Analyze Images

Detected Damaged Parts

- [ ] Front Bumper
- [ ] Rear Bumper
- [ ] Hood
- [ ] Bonnet
- [ ] Roof
- [ ] Trunk
- [ ] Front Door Passenger side

AI Image Analysis Results

Damage Summary

■ Severe Damage ■ Moderate Damage ■ Light Damage ■ No Damage

Estimated Repair Cost: $0.00

Diagnostic Report | Repair Details | Vehicle Information

Analyze Results

CarTool   Generate Report   Save

Vehicle Damage Assessment

Upload images of your vehicle for damage assessment

[Choose Images] [Analyze Images]

Detected Damaged Parts

☑ Front Bumper		Damaged
☐ Rear Bumper		Good
☑ Hood		Damaged
☐ Bonnet		Good
☐ Roof		Good
☐ Trunk		Good
☐ Front Door Passenger side		Good
☐ Front Door Driver side		Good

AI Image Analysis Results

Damage Summary

🟥 Severe Damage 🟧 Moderate Damage 🟦 Light Damage ⬜ No Damage

Estimated Repair Cost: **$1,309.04**

Diagnostic Report   Repair Details   Vehicle Information

#	Question	Answer
1	Is the front bumper damaged?	true
2	Is the rear bumper damaged?	false
3	Is the Hood damaged?	true

Thank You

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