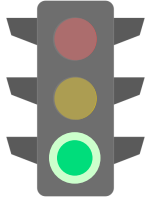
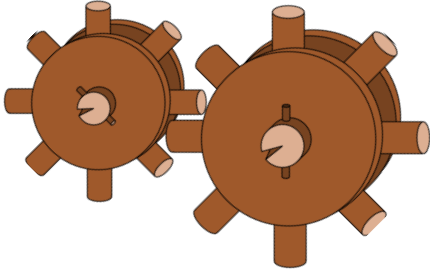
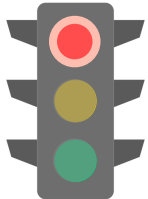


our testing practices

## 1 - Automation



We have automated everything that can be automated. Our coverage rate is over 80%. Our manual testing phases are close to **Full Exploratory Testing**.

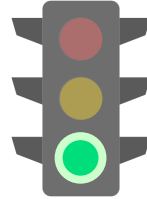
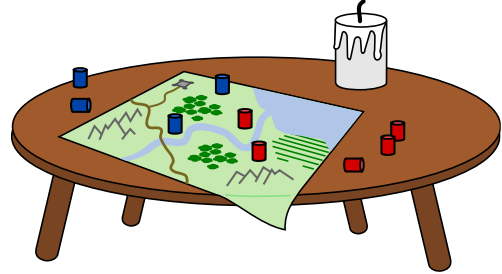


Our tests are **mostly manual**. Our regression testing is so long that we have to randomly select which tests to perform. It's impossible to do them all each time.



our testing practices

## 2 - Test strategy



We have discussed, with all the team members, an acceptable effort/risk balance. A **very simple document** summarizes our strategy. Risks are accepted collectively.

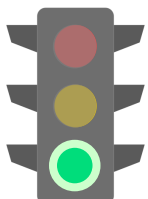


We have **never taken the time** to collectively think about a strategy. Some things are never tested because no one has thought of them. This document doesn't exist.

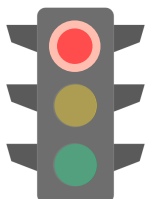


our testing practices

## 3 - Tests pool



We use a **common language** to describe our test scenarios (eg **Gherkin**). Our test assets are readable by everyone and are developed collaboratively.



Our test assets are **scattered** across different types of tests (unit, functional, load, etc.). No one has a complete view. Some things are probably tested twice and others not at all.

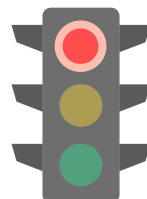


our testing practices

## 4 - Testing skills



Testing is a recognized, identified and **valued skill** within the team. For maximum efficiency, everyone contributes to the testing efforts and is trained as needed.



The testing skill **isn't integrated** in our team. We rely on other teams or services for this. The DEVs don't feel responsible for testing, they are just here to write code.





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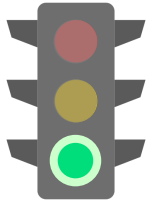


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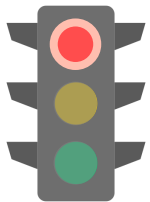
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our testing practices

## 5 - Testing campaigns



Our test campaigns are logged in a **suitable tool**, allowing the traceability of tests and their results. The outcome of these campaigns is regularly reviewed.

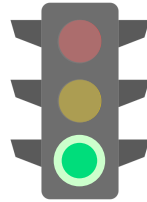
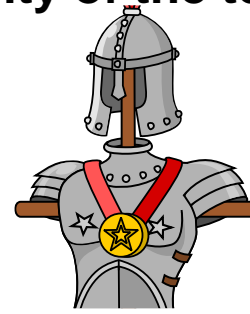


Campaigns of what? **Nothing is formalized**. Right before delivery, we haphazardly test the most obvious scenarios. Everything else goes down the drain.

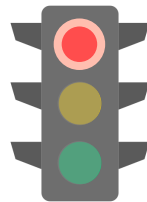


our testing practices

## 6 - Quality of the tests



We are vigilant about the relevance and quality of our tests. Our test code is organized into dedicated **APIs** and regularly challenged using a "**Mutation Testing**" library.

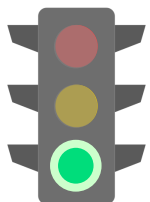
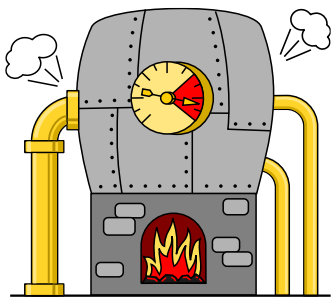


The quality of our testing code is **lower** than the app code. Moreover, our code analyzer skips the testing packages. Some automated tests are rather unstable.

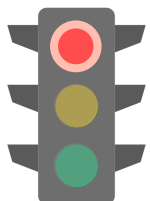


our testing practices

## 7 - Industrial safety



We have a Disaster Recovery Plan and we regularly test that it works. We regularly test our system with "**Chaos Monkey**" like practices.



We haven't defined anything for that. Also, our tests **don't include the "Operations" requirements**. We have never tested the alarms or the supervision. The backup was never re-tested.



our testing practices

## -- Playing rules --

**Goal** : share the team's testing practices state and define a collective improvement plan.

Print and distribute one set of traffic light cards to each team member.

For each testing practice card:

- Place it on the table and together read the awesome case and the crappy case.
- Each team member chooses the card which represents their opinion among the 3 possible outcomes (we are close to the worst case, the best case, or somewhere in between) and places it face down on the table.
- On a signal, turn over all the cards and share your views. Discuss until you agree on a collective maturity level.

Choose 1 practice to improve during the next period and imagine 1 or 2 SMART actions to implement this improvement.



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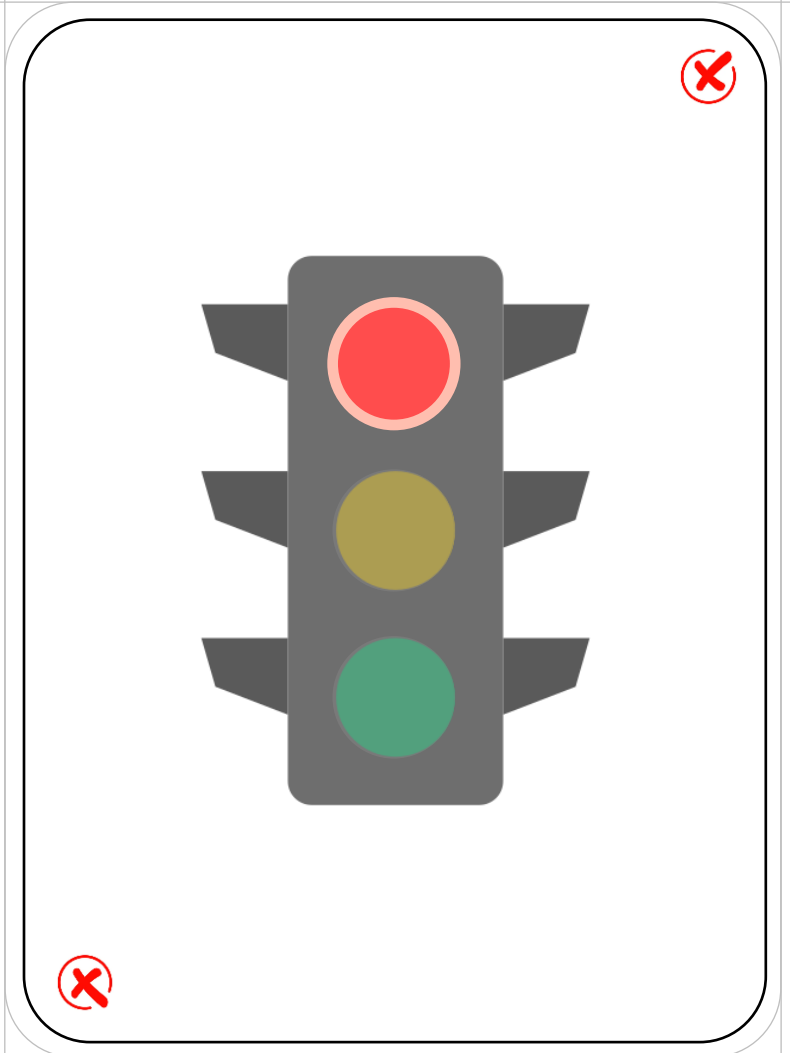
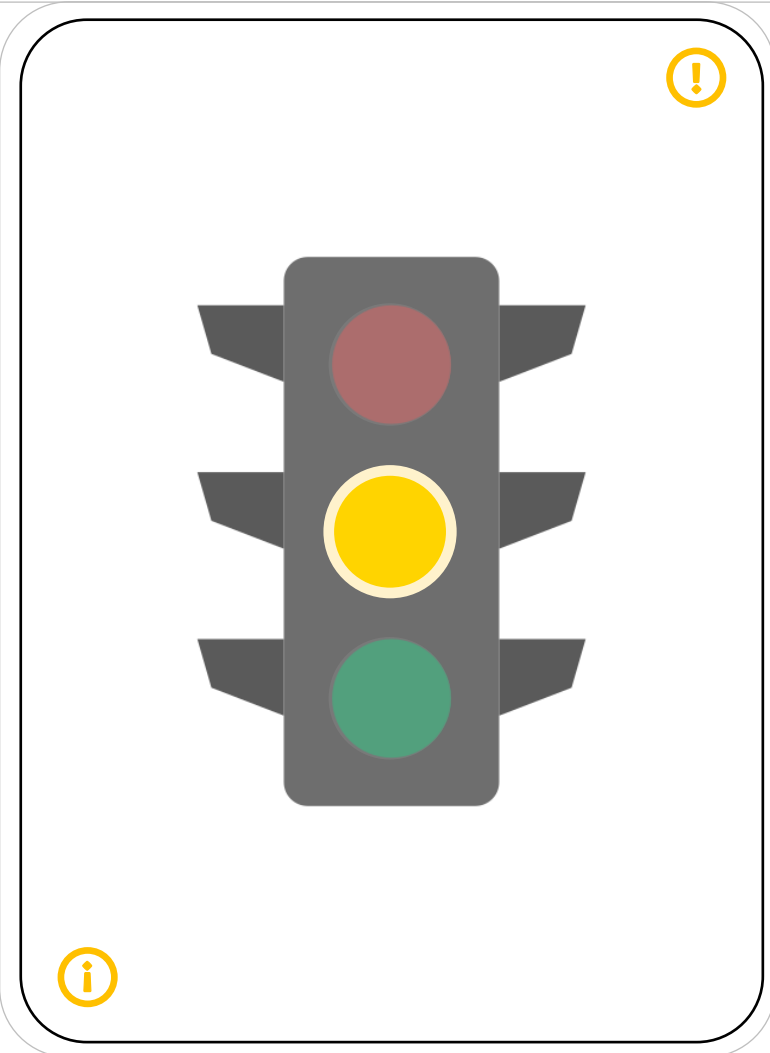
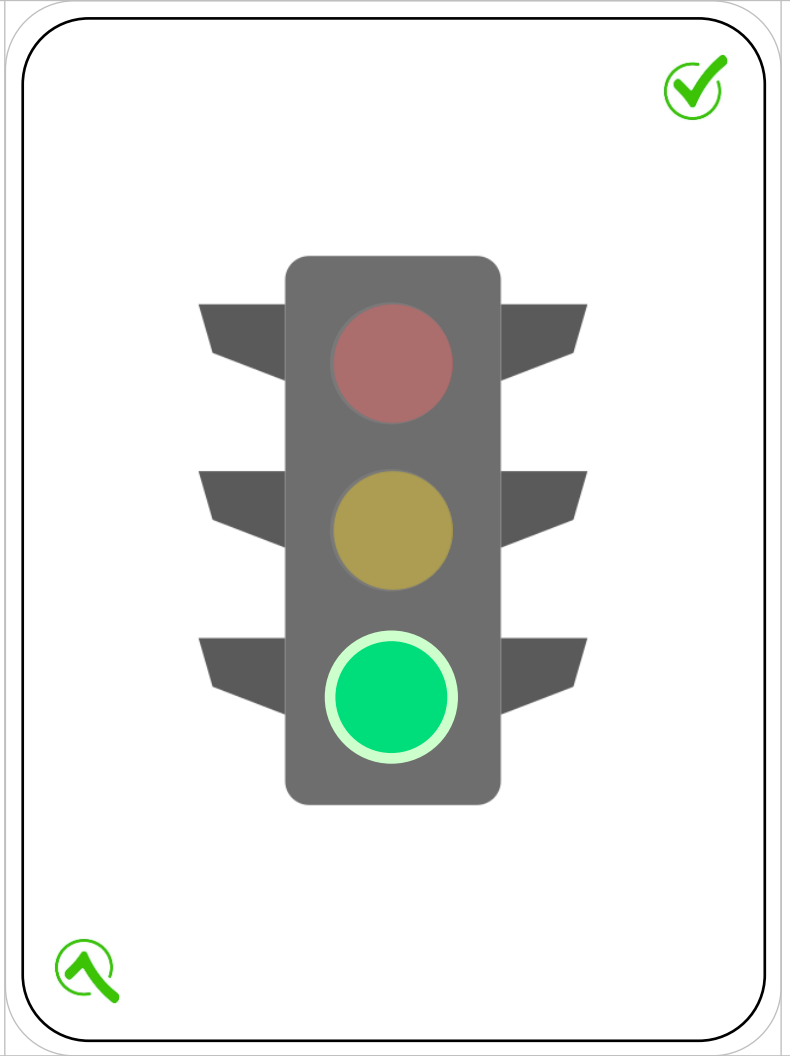
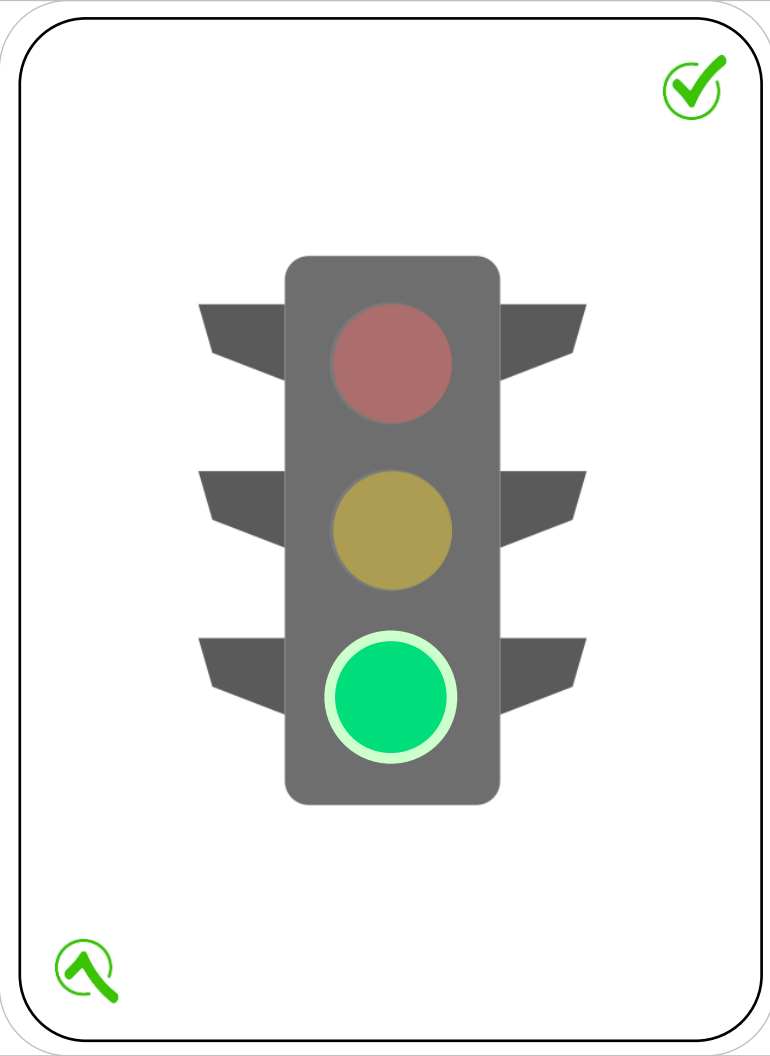
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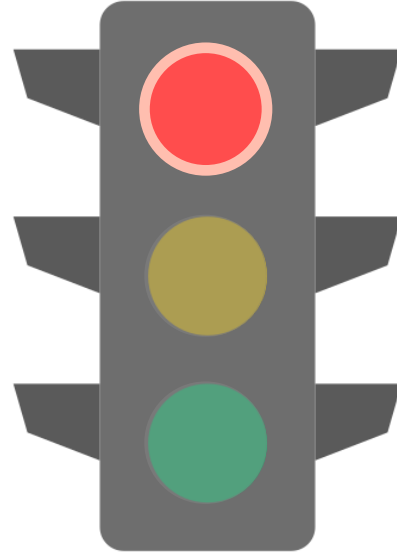
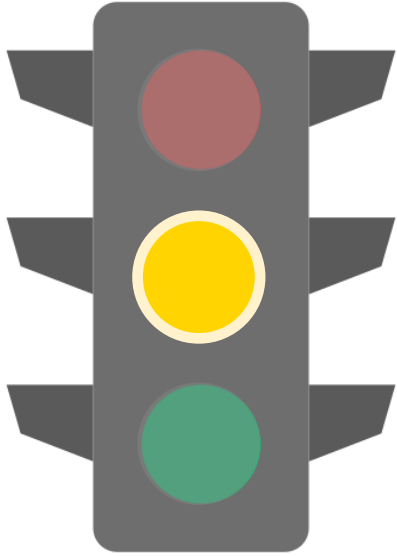
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### -- Tips --

*Print these cards in A4 format double-sided, flipping on the long edges.*

Tips:

- **Green** doesn't mean Perfect. It simply means that the team is happy with the current state and sees no need for improvement at the moment.
- **Yellow** indicates that there are significant issues that need to be addressed, but it is not a disaster.
- **Red** means this really sucks and needs to be improved very quickly.

Also discuss the trends (are things improving, remaining stable, or getting worse?)

Feel free to use these cards "regularly" (every quarter?).

*our testing practices*

### -- Credits --

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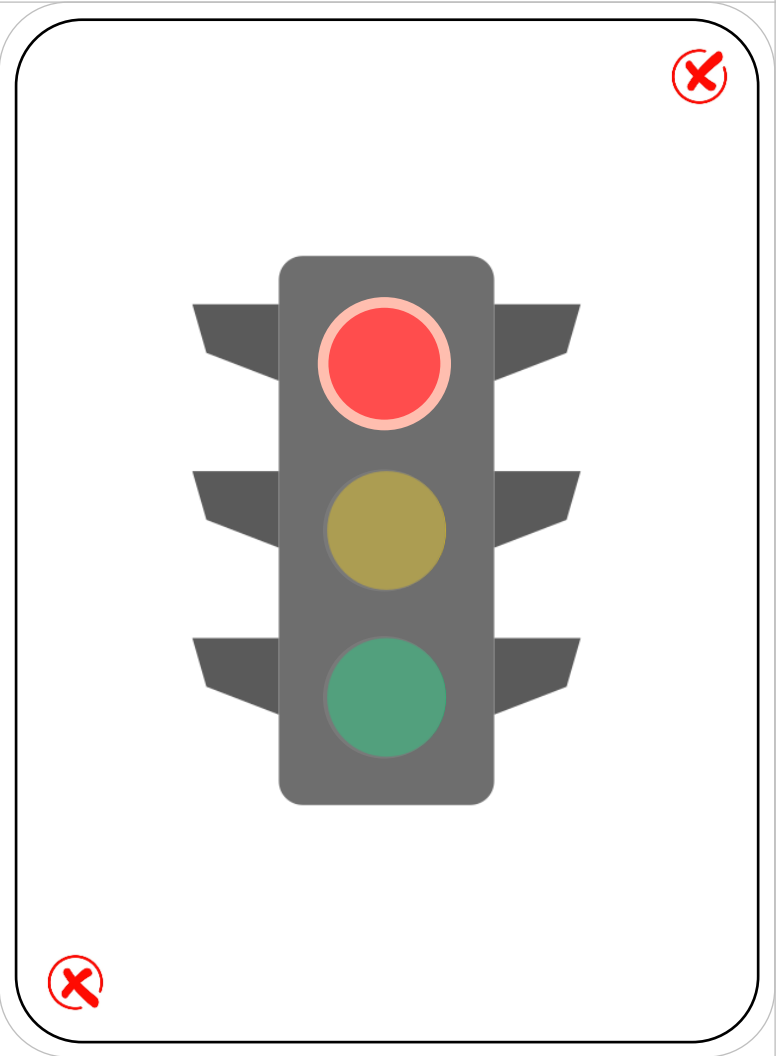
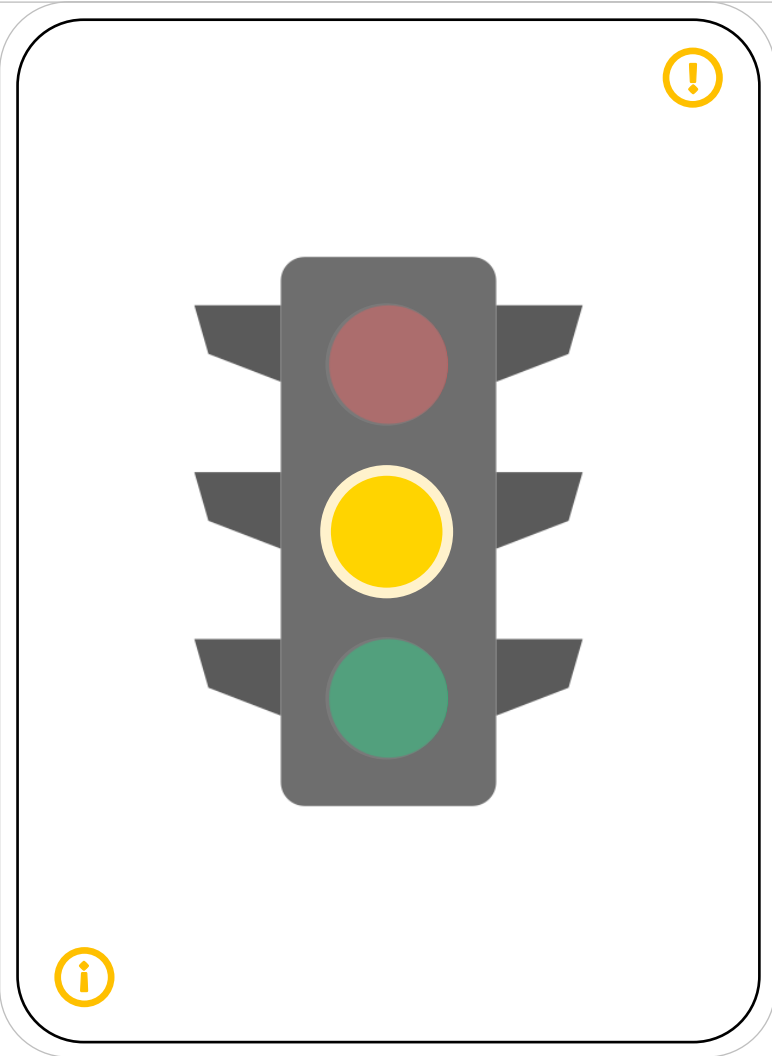
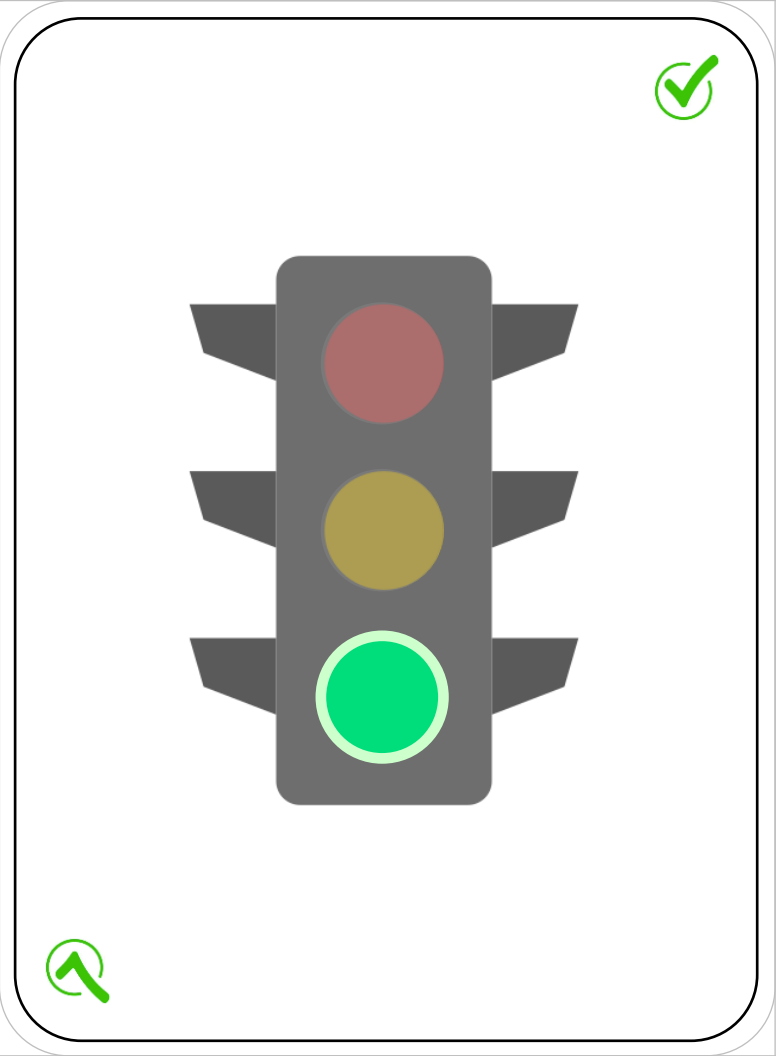
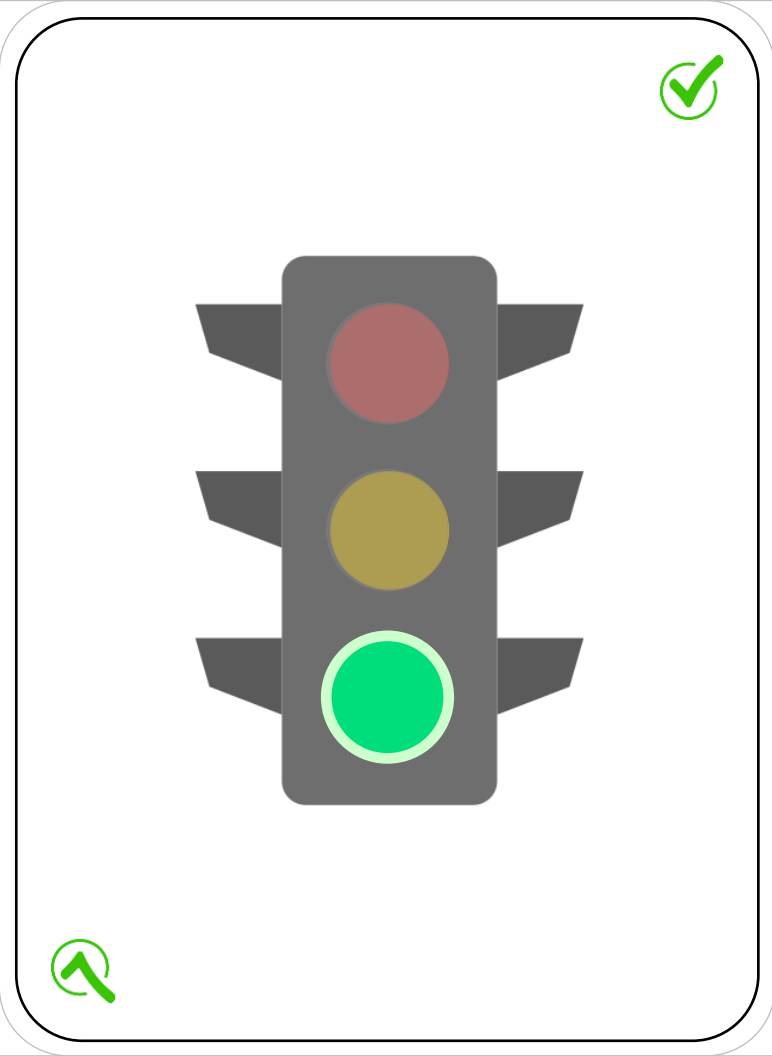
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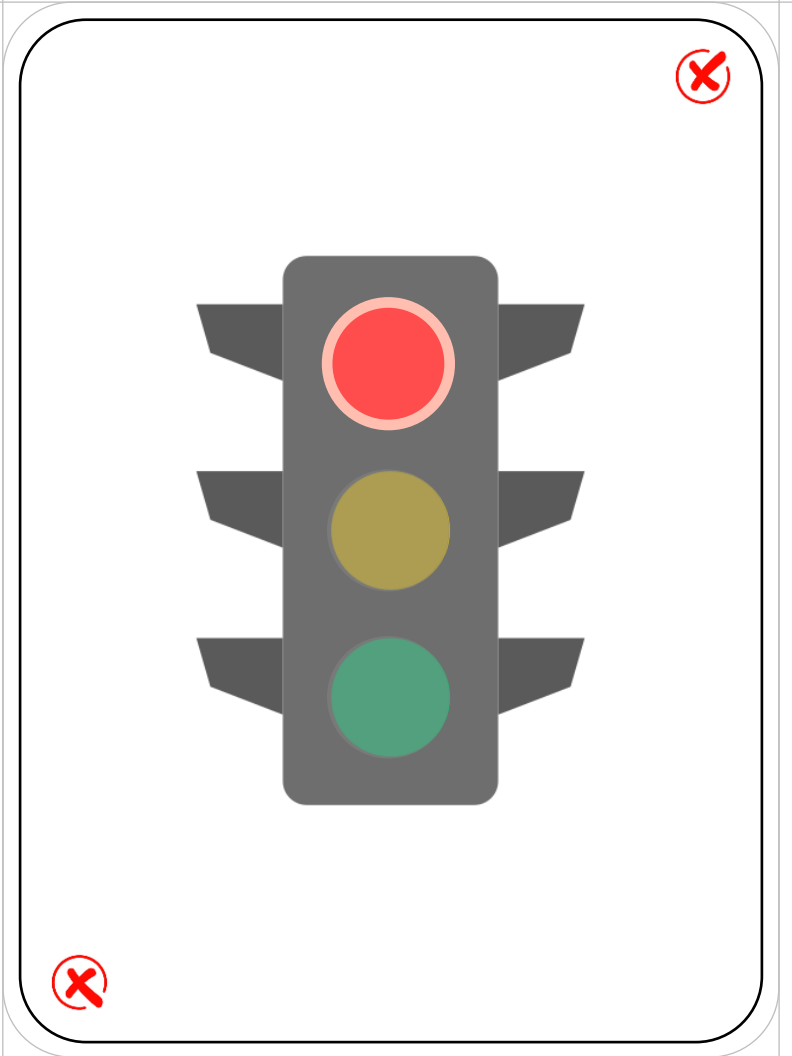
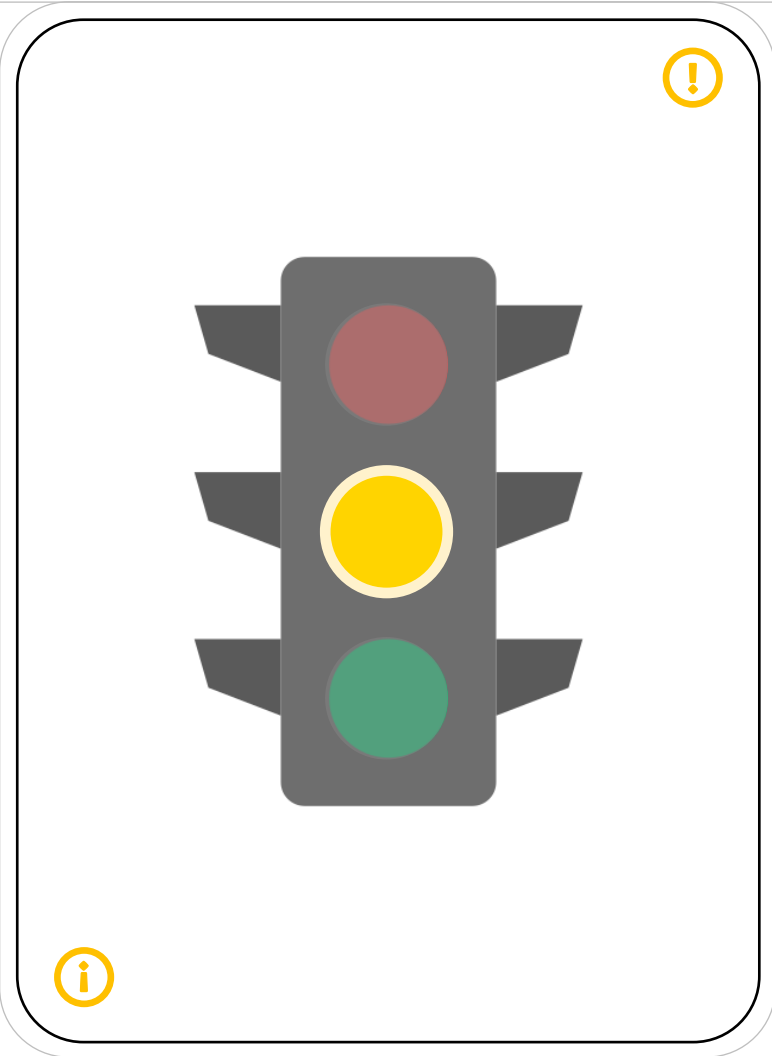
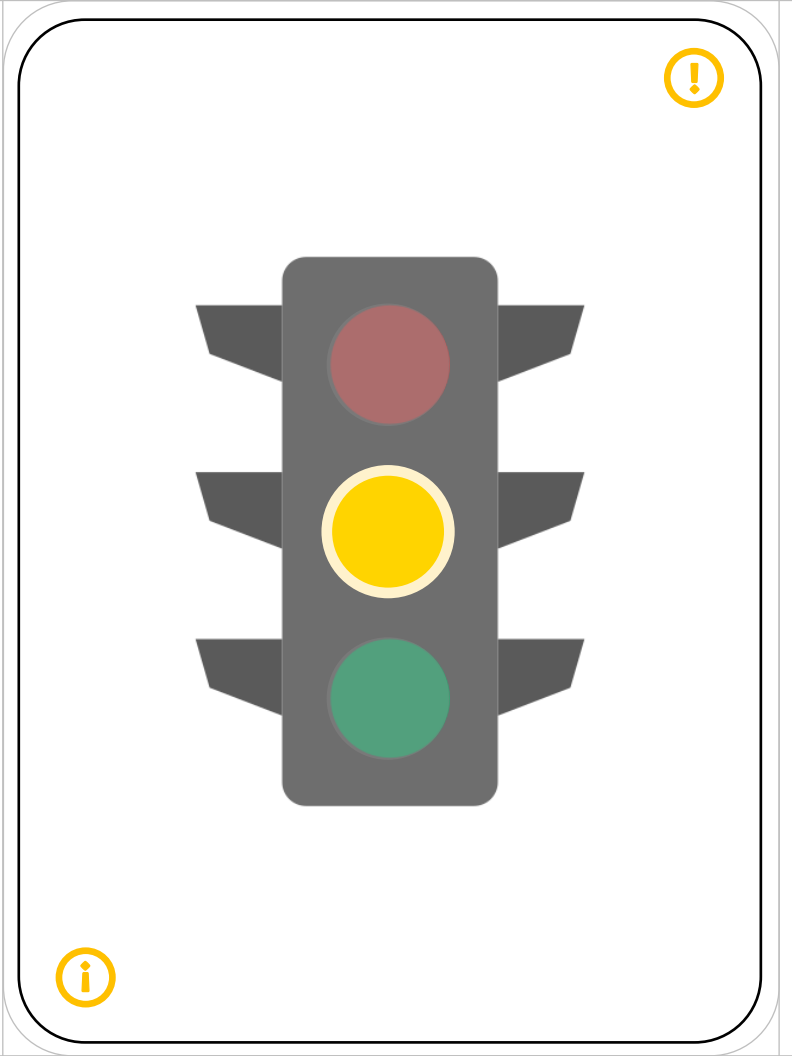
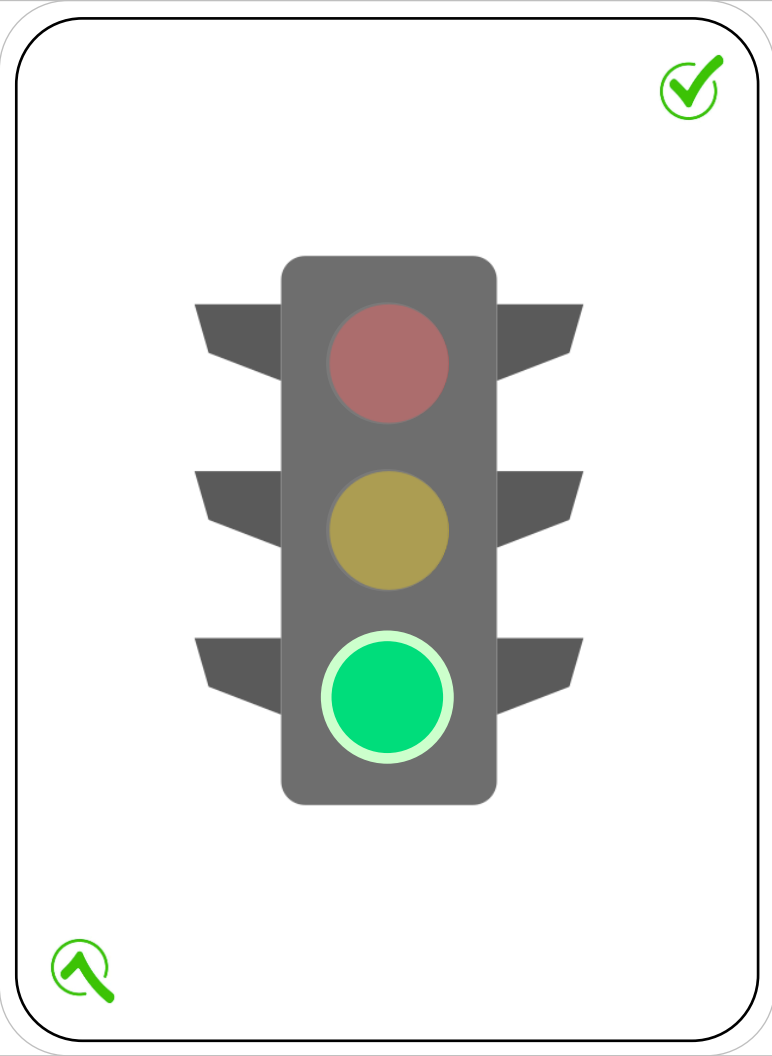
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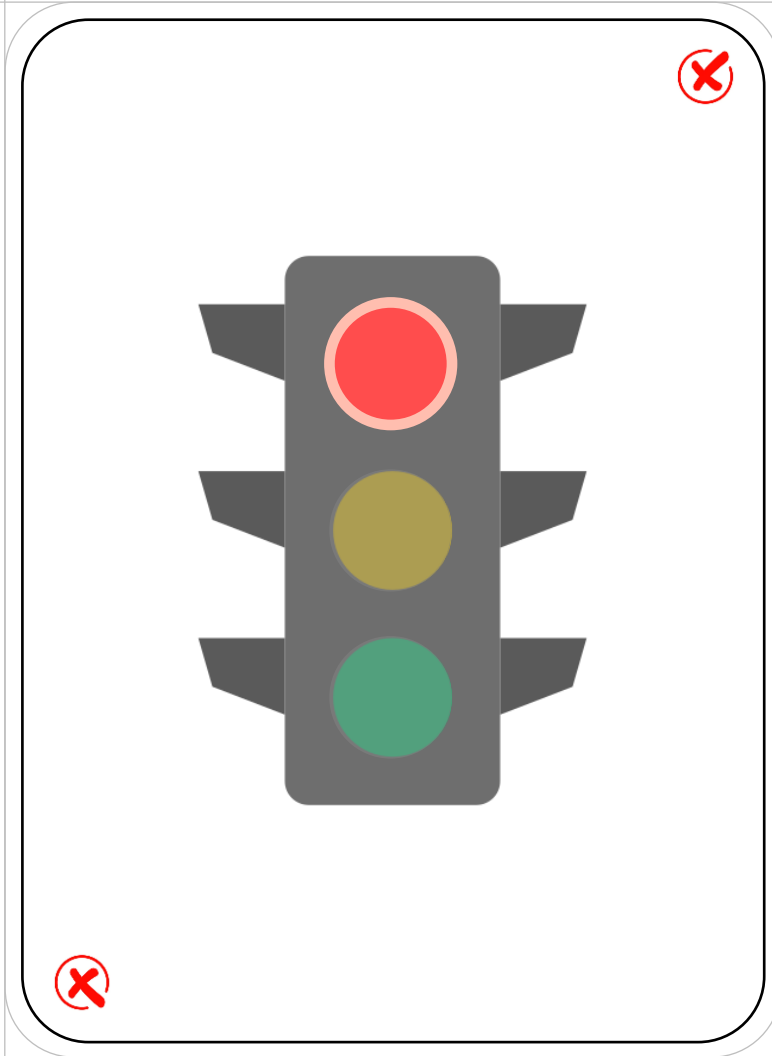
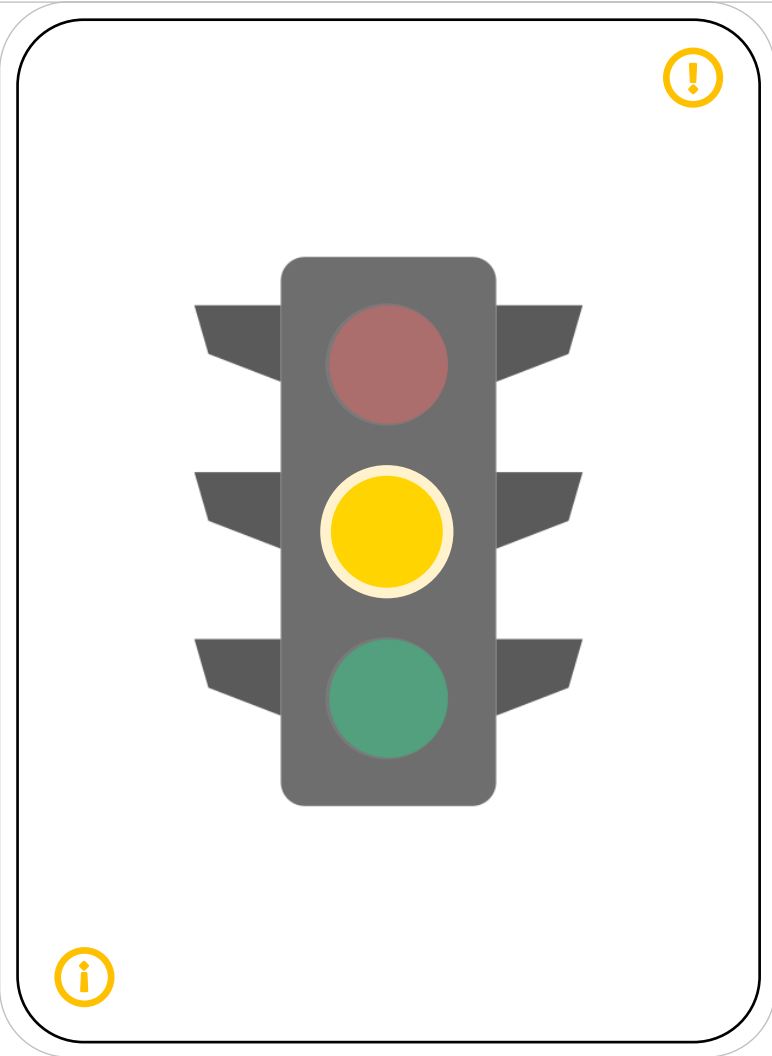
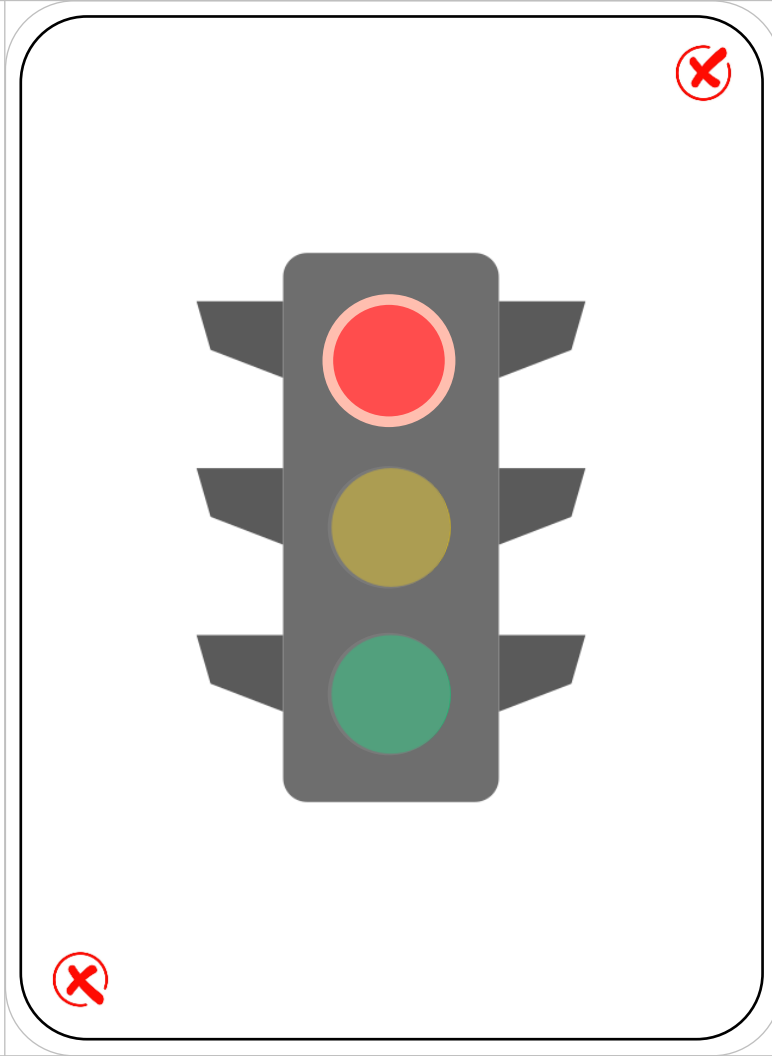
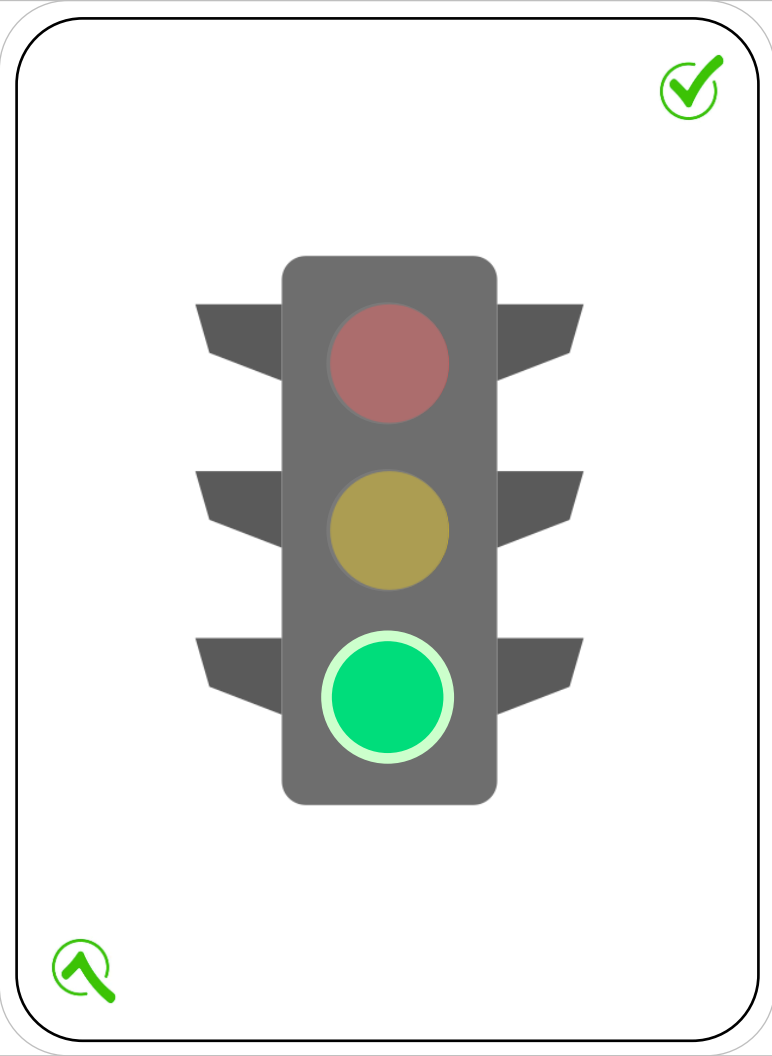
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