

Grundlagen der Medieninformatik I

T12 - 12.11.2020

Menschliche Wahrnehmung



T12 - 12.11.2020

The image features the Kahoot! logo in a bold, white, sans-serif font. The text is centered horizontally and positioned in the middle of the frame. The background is a solid dark purple, with a lighter purple diagonal stripe running from the top-left towards the bottom-right, passing behind the text.

Kahoot!

1 Übungsblatt

Übung 1: Gestaltgesetze

EINZELAUFGABE, 5 Punkte, Abgabe 22.11.20, 23:59 in Stud.IP

» GUI für den perfekten Garten:


5 P

- » Du sollst das grafische Layout eines Werkzeugkastens einer fiktiven Spieleapp zum Bauen eines eigenen Gartens entwerfen
- » Im Werkzeugkasten können folgende Funktionen aktiviert werden:
- » Tulpen pflanzen, Rosen pflanzen, Gießen, Boden erhöhen, Grass pflanzen, Sonnenblumen pflanzen, Sand legen, Platten legen, Bodendecker pflanzen, Pflanzen entfernen, Orchideen pflanzen und Boden erniedrigen.
- » Durch Klicken in den Kasten können Werkzeuge aktiviert oder durch Ziehen Pflanzen gepflanzt werden
- » Der Werkzeugkasten soll grob quadratisches Format haben.
- » Logos für einzelne Aktionen können skizzenhaft sein.
- » Nutze die Gestaltgesetze aus, damit der Werkzeugkasten seine Funktion möglichst prägnant widerspiegelt.
- » Erkläre, wo Du Gestaltgesetze berücksichtigst mit Verweis auf das jeweilige Gesetz.
- » Alle 5 Gesetze sollen in dem Werkzeugkasten vorkommen
- » 1 Punkt je sinnvoll und begründet eingesetztem Gesetz
- » Tipp: Die Begründung für das Gesetz der Prägnanz ist mehr eine Zusammenfassung des Layouts

Erinnerung: Abgaben

- Vorlagen gibt es auf StudIP, könnt ihr benutzen, müsst ihr nicht. Die Angaben die auf den Vorlagen stehen müssen aber da sein! (Bearbeitungszeit usw.)
- Benennungsschema beachten!
- mi1_uebung?_nachname (.zip/.pdf, **KEIN RAR!**)
- Übung 1 Abgabe bis 22.11 um 23:59 (GMT+1) auf StudIP im “Abgabe” Ordner (**außerhalb von T12 Ordner**, gleicher für alle Tutorien)

Gestaltgesetze!

- Welche Gestaltgesetze gibt es?
 - Gesetz der Nähe
 - Gesetz der Ähnlichkeit
 - Gesetz der guten Gestalt (Prägnanz)
 - Gesetz der guten Fortsetzung
 - Gesetz der Geschlossenheit (Schließung)
- 

Welche Gestaltungsetze seht ihr?



UB
Promotionszentrum
Universität Bremen

NEWSLETTER Promotionszentrum ProÜB03/2014

Quick News – Aktuelles rund um die Promotion 1

Promovieren mit Kind(ern) 2

Upcoming ProÜB Workshops 4

PhD Comic 4

Quick News – Aktuelles rund um die Promotion



Research Funding for Doctoral Candidates: Doctoral researchers can receive support for activities that contribute to an added value for their PhD project, such as participation at summer schools, research sojourns at renowned institutions, additional experiments, interdisciplinary projects or cooperation projects undertaken with international partners. During the course of their research project, PhD candidates may apply twice for grants up to a maximum of 1,500 Euro. Next application deadline: 15 October 2014. More information: www.uni-bremen.de/en/research/research-funding/crdi-calls.html



International PhD Students Meeting: ProÜB organizes monthly meetings for international PhD students. They provide a good opportunity to meet fellow PhD students of the University of Bremen and to raise questions with regards to your (PhD) life in Bremen. We meet either on campus or in Bremen's Viertel. The next meeting takes place on 23 September 2014. German PhD students who want to meet their international fellows, are warmly welcome! More information: www.uni-bremen.de/en/proub



Stipends and Field Work Grants: The program "Trajectories of Change" of the ZEIT Stiftung offers stipends and field work grants for PhD students in the humanities and social sciences studying political and social change in Eastern Europe, North Africa and the Middle East as well as Central Asia. Deadline for application: 20 October 2014. More information: www.trajectories-of-change.de



298 Doctoral Degrees Awarded: In 2013, the University of Bremen awarded 298 doctoral degrees, 124 to female and 174 to male candidates. 81 doctorates were granted to doctoral students from abroad. With 49 doctorates, the faculty of biology and chemistry awarded most degrees. ProÜB congratulates all new doctors and wishes them the best and much success for the future.



Digital recording equipment: PhD students who carry out interviews as part of their research can lend digital recording equipment (Olympus WS-812) and a USB foot pedal for easier and faster transcription (for use with the programs f4 and f5). For more information please visit our webpage at: www.uni-bremen.de/en/proub



German courses: In cooperation with the Goethe-Institute and the Language Center FZHB the University's Welcome Centre offers exclusive German courses for international researchers and PhD students. In the winter semester courses on four different levels take place. The course fee is 100€ per participant. For more information and to register, please have a look at: www.uni-bremen.de/en/welcomecentre - Useful information

www.uni-bremen.de/proub1 |

- Gesetz der Nähe:
- die einzelnen Meldungen werden als eine Einheit Wahrgenommen.



Welche Gestaltgesetze seht ihr?



UB Promotionszentrum
Universität Bremen

NEWSLETTER Promotionszentrum ProUB 03/2014

Quick News – Aktuelles rund um die Promotion 1
Promovieren mit Kind(ern) 2
Upcoming ProUB Workshops 4
PhD Comic 4

Quick News – Aktuelles rund um die Promotion

 **Research Funding for Doctoral Candidates:** Doctoral researchers can receive support for activities that contribute to an added value for their PhD project, such as participation at summer schools, research sojourns at renowned institutions, additional experiments, interdisciplinary projects or cooperation projects undertaken with international partners. During the course of their research project, PhD candidates may apply twice for grants up to a maximum of 1,500 Euro. Next application deadline: 15 October 2014. More information: www.uni-bremen.de/en/research/research-funding/crdi-calls.html

 **International PhD Students Meeting:** ProUB organizes monthly meetings for international PhD students. They provide a good opportunity to meet fellow PhD students of the University of Bremen and to raise questions with regards to your (PhD) life in Bremen. We meet either on campus or in Bremen's Viertel. The next meeting takes place on 23 September 2014. German PhD students who want to meet their international fellows, are warmly welcome! More information: www.uni-bremen.de/en/proub

 **Stipends and Field Work Grants:** The program "Trajectories of Change" of the ZEIT Stiftung offers stipends and field work grants for PhD students in the humanities and social sciences studying political and social change in Eastern Europe, North Africa and the Middle East as well as Central Asia. Deadline for application: 20 October 2014. More information: www.trajectories-of-change.de

 **298 Doctoral Degrees Awarded:** In 2013, the University of Bremen awarded 298 doctoral degrees, 124 to female and 174 to male candidates. 81 doctorates were granted to doctoral students from abroad. With 49 doctorates, the faculty of biology and chemistry awarded most degrees. ProUB congratulates all new doctors and wishes them the best and much success for the future.

 **German courses:** In cooperation with the Goethe-Institute and the Language Center FZHB the University's Welcome Centre offers exclusive German courses for international researchers and PhD students. In the winter semester courses on four different levels take place. The course fee is 100€ per participant. For more information and to register, please have a look at: www.uni-bremen.de/en/welcomecentre - Useful information

www.uni-bremen.de/proub 1 |

- Gesetz der Ähnlichkeit

- führt zum Eindruck, es seien alles Meldungen



Welche Gestaltgesetze sieht ihr?



UB Promotionszentrum
Universität Bremen

NEWSLETTER Promotionszentrum ProUB 03/2014

Quick News – Aktuelles rund um die Promotion 1
Promovieren mit Kind(ern) 2
Upcoming ProUB Workshops 4
PhD Comic 4

Quick News – Aktuelles rund um die Promotion

 **Research Funding for Doctoral Candidates:** Doctoral researchers can receive support for activities that contribute to an added value for their PhD project, such as participation at summer schools, research sojourns at renowned institutions, additional experiments, interdisciplinary projects or cooperation projects undertaken with international partners. During the course of their research project, PhD candidates may apply twice for grants up to a maximum of 1,500 Euro. Next application deadline: 15 October 2014. More information: www.uni-bremen.de/en/research/research-funding/crdi-calls.html

 **Stipends and Field Work Grants:** The program "Trajectories of Change" of the ZEIT Stiftung offers stipends and field work grants for PhD students in the humanities and social sciences studying political and social change in Eastern Europe, North Africa and the Middle East as well as Central Asia. Deadline for application: 20 October 2014. More information: www.trajectories-of-change.de

 **298 Doctoral Degrees Awarded:** In 2013, the University of Bremen awarded 298 doctoral degrees, 124 to female and 174 to male candidates. 81 doctorates were granted to doctoral students from abroad. With 49 doctorates, the faculty of biology and chemistry awarded most degrees. ProUB congratulates all new doctors and wishes them the best and much success for the future.

 **International PhD Students Meeting:** ProUB organizes monthly meetings for international PhD students. They provide a good opportunity to meet fellow PhD students of the University of Bremen and to raise questions with regards to your (PhD) life in Bremen. We meet either on campus or in Bremen's Viertel. The next meeting takes place on 23 September 2014. German PhD students who want to meet their international fellows, are warmly welcome! More information: www.uni-bremen.de/en/proub

 **Digital recording equipment:** PhD students who carry out interviews as part of their research can lend digital recording equipment (Olympus WS-812) and a USB foot pedal for easier and faster transcription (for use with the programs f4 and f5). For more information please visit our webpage at: www.uni-bremen.de/en/proub

 **German courses:** In cooperation with the Goethe-Institute and the Language Center FZHB the University's Welcome Centre offers exclusive German courses for international researchers and PhD students. In the winter semester courses on four different levels take place. The course fee is 100€ per participant. For more information and to register, please have a look at: www.uni-bremen.de/en/welcomecentre - Useful information

www.uni-bremen.de/proub 1 |

- Gesetz der Schließung:

- die scheinen eine Linie zu machen

- das Pro Logo wird als Kreis wahrgenommen



Welche Gestaltgesetze sieht ihr?



UB Promotionszentrum
Universität Bremen

NEWSLETTER Promotionszentrum ProUB 03/2014

Quick News – Aktuelles rund um die Promotion 1
Promovieren mit Kind(ern) 2
Upcoming ProUB Workshops 4
PhD Comic 4

Quick News – Aktuelles rund um die Promotion

Research Funding for Doctoral Candidates: Doctoral researchers can receive support for activities that contribute to an added value for their PhD project, such as participation at summer schools, research sojourns at renowned institutions, additional experiments, interdisciplinary projects or cooperation projects undertaken with international partners. During the course of their research project, PhD candidates may apply twice for grants up to a maximum of 1,500 Euro. Next application deadline: 15 October 2014. More information: www.uni-bremen.de/en/research/research-funding/crdi-calls.html

International PhD Students Meeting: ProUB organizes monthly meetings for international PhD students. They provide a good opportunity to meet fellow PhD students of the University of Bremen and to raise questions with regards to your (PhD) life in Bremen. We meet either on campus or in Bremen's Viertel. The next meeting takes place on 23 September 2014. German PhD students who want to meet their international fellows, are warmly welcome! More information: www.uni-bremen.de/en/proub

Stipends and Field Work Grants: The program "Trajectories of Change" of the ZEIT Stiftung offers stipends and field work grants for PhD students in the humanities and social sciences studying political and social change in Eastern Europe, North Africa and the Middle East as well as Central Asia. Deadline for application: 20 October 2014. More information: www.trajectories-of-change.de

Digital recording equipment: PhD students who carry out interviews as part of their research can lend digital recording equipment (Olympus WS-812) and a USB foot pedal for easier and faster transcription (for use with the programs f4 and f5). For more information please visit our webpage at: www.uni-bremen.de/en/proub

298 Doctoral Degrees Awarded: In 2013, the University of Bremen awarded 298 doctoral degrees, 124 to female and 174 to male candidates. 81 doctorates were granted to doctoral students from abroad. With 49 doctorates, the faculty of biology and chemistry awarded most degrees. ProUB congratulates all new doctors and wishes them the best and much success for the future.

German courses: In cooperation with the Goethe-Institute and the Language Center FZHB the University's Welcome Centre offers exclusive German courses for international researchers and PhD students. In the winter semester courses on four different levels take place. The course fee is 100€ per participant. For more information and to register, please have a look at: www.uni-bremen.de/en/welcomecentre Useful information

www.uni-bremen.de/proub 1 |

- Gesetz der Fortsetzung:
- die 4 Einträge des Inhaltsverzeichnisses werden gleichwertig gesehen



Welche Gestaltungsgesetze seht ihr?



NEWSLETTER Promotionszentrum ProUB03/2014

Quick News – Aktuelles rund um die Promotion 1

Promovieren mit Kind(ern) 2

Upcoming ProUB Workshops 4

PhD Comic 4

Quick News – Aktuelles rund um die Promotion



Research Funding for Doctoral Candidates: Doctoral researchers can receive support for activities that contribute to an added value for their PhD project, such as participation at summer schools, research sojourns at renowned institutions, additional experiments, interdisciplinary projects or cooperation projects undertaken with international partners. During the course of their research project, PhD candidates may apply twice for grants up to a maximum of 1,500 Euro. Next application deadline: 15 October 2014. More information: www.uni-bremen.de/en/research/research-funding/crdi-calls.html



Stipends and Field Work Grants: The program "Trajectories of Change" of the ZEIT Stiftung offers stipends and field work grants for PhD students in the humanities and social sciences studying political and social change in Eastern Europe, North Africa and the Middle East as well as Central Asia. Deadline for application: 20 October 2014. More information: www.trajectories-of-change.de



298 Doctoral Degrees Awarded: In 2013, the University of Bremen awarded 298 doctoral degrees, 124 to female and 174 to male candidates. 81 doctorates were granted to doctoral students from abroad. With 49 doctorates, the faculty of biology and chemistry awarded most degrees. ProUB congratulates all new doctors and wishes them the best and much success for the future.



International PhD Students Meeting: ProUB organizes monthly meetings for international PhD students. They provide a good opportunity to meet fellow PhD students of the University of Bremen and to raise questions with regards to your (PhD) life in Bremen. We meet either on campus or in Bremen's Viertel. The next meeting takes place on 23 September 2014. German PhD students who want to meet their international fellows, are warmly welcome! More information: www.uni-bremen.de/en/proub



Digital recording equipment: PhD students who carry out interviews as part of their research can lend digital recording equipment (Olympus WS-812) and a USB foot pedal for easier and faster transcription (for use with the programs f4 and f5). For more information please visit our webpage at: www.uni-bremen.de/en/proub



German courses: In cooperation with the Goethe-Institute and the Language Center FZHB the University's Welcome Centre offers exclusive German courses for international researchers and PhD students. In the winter semester courses on four different levels take place. The course fee is 100€ per participant. For more information and to register, please have a look at: www.uni-bremen.de/en/welcomecentre - Useful information

www.uni-bremen.de/proub1 |

- Gesetz der Symmetrie

- Kein Gesetz der Symmetrie



Arbeitsblatt

Die Abbildung rechts zeigt eine „imaginäre Übungszettelmaschine“ zum Ausfüllen der Übungszettel:

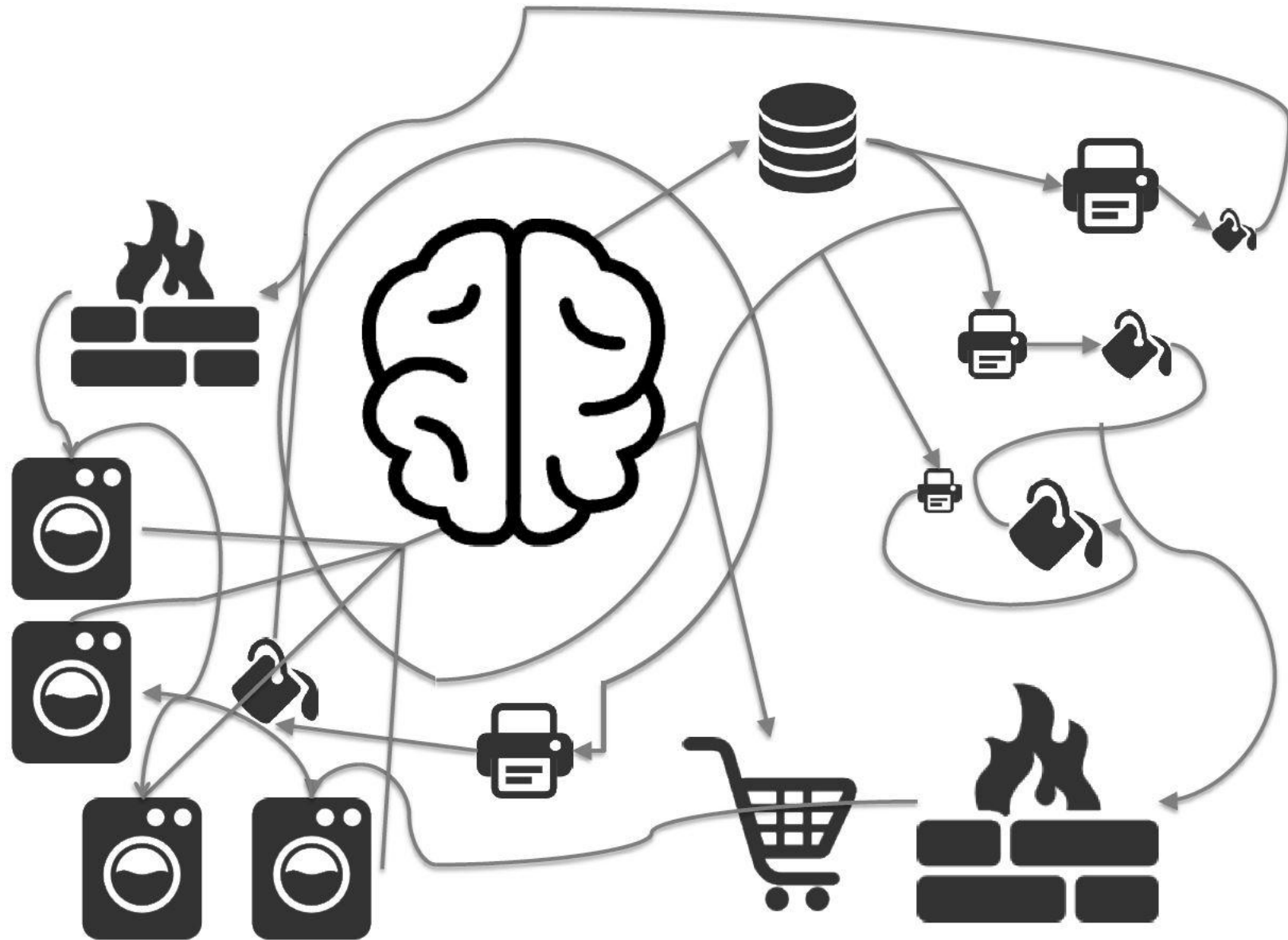
„Übungszettel entstehen zuerst im Kopf. Sie werden dann in einer Datenbank gespeichert und gedruckt. Danach werden sie eingefärbt, die Farbe im Ofen eingebrannt und danach überschüssige Farbe abgewaschen. Dann sind die Übungszettel fertig und werden im Einkaufswagen ausgeliefert.“

1) Vollziehe den beschriebenen Ablauf in der Grafik nach. Was ist die Gesamtstruktur der Maschine?

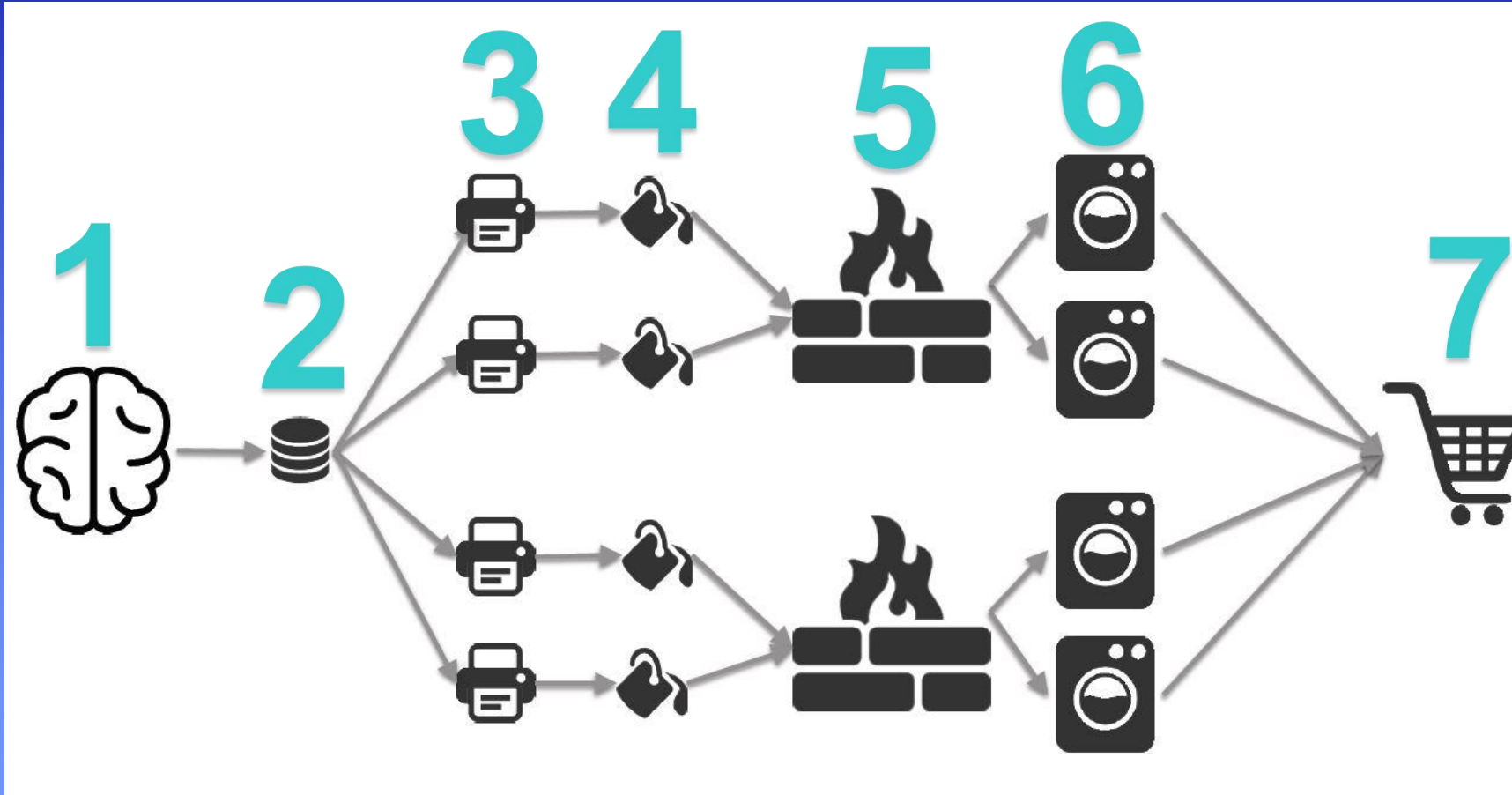
2) Skizziere ein gut verständliches Diagramm für diese Maschine! Verwende dieselben „Bauteile“ wie in der Originalmaschine, aber mache die Struktur grafisch sichtbar.

3) Markiere in der ursprünglichen Grafik, an welchen Stellen „Gestaltgesetze verletzt“ werden!

4) Was bedeutet „Gestaltgesetze verletzt“? Warum steht verletzt in Anführungszeichen?



Lösung zu 2:



1. „Übungszettel entstehen zuerst im Kopf.

2. Sie werden dann in einer Datenbank gespeichert

3. und gedruckt.

4. Danach werden sie eingefärbt,

5. die Farbe im Ofen eingebrannt

6. und danach überschüssige Farbe abgewaschen.

7. Dann sind die Übungszettel fertig und werden im Einkaufswagen ausgeliefert.“

Das wars mal wieder!

Bis nächste Woche!

