

Grundlagen der Medieninformatik 1

Gestaltgesetze
T08 - 27.10.2021

Kahoot!

<https://kahoot.it/>

Übung 1

- Abgabe bis 7.11 20:00 Uhr auf StudIP



Übungen Wintersemester 2021



Übung 1: Gestaltgesetze

EINZELAUFGABE, 5 Punkte, Abgabe 07.11.21, 20:00 in Stud.IP

» GUI für den perfekten Garten:

5 P

- » Du sollst das grafische Layout eines Menüs einer fiktiven Spieleapp zum Bauen eines eigenen Gartens entwerfen
- » Das Menü dient dazu folgende Funktionen zu aktivierenwerden:
- » 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 ins Menü können Werkzeuge aktiviert oder durch Ziehen Pflanzen gepflanzt werden
- » Das Menü soll grob quadratisches Format haben.
- » Die einzelne Aktionen sollen Logos haben, die durchaus skizzenhaft sein können.
- » Nutze die Gestaltgesetze aus, damit das Menü seine Funktion möglichst prägnant widerspiegelt.
- » Erkläre, wo Du Gestaltgesetze berücksichtigst mit Verweis auf das jeweilige Gesetz.
- » Alle 5 Gesetze sollen in dem Menü vorkommen
- » 1 Punkt je sinnvoll und begründet eingesetztem Gesetz
- » Tipp: Die Begründung für das Gesetz der Prägnanz ist mehr eine Zusammenfassung des Layouts



Übungsblätter - Tipp

- Immer die Aufgaben **ganz** durchlesen.
- Bei zusammengesetzten Aufgaben **muss jeder Teil der Aufgabe** bearbeitet werden.
- Beispiel: “Welche Gestaltgesetze wirken hier? Markiert diese und erläutert jeweils eure Markierungen”
- Antwort: “Folgende Gestaltgesetze wirken hier: [...]” [Markierte Grafik als Bild]
[Für jede Markierung noch eine kurze textuelle Erklärung]
- Wer sich daran hält bekommt bei korrekter Antwort immer volle Punktzahl
- Faustregel bei solchen Aufgaben: jeder Satz ist quasi eine einzelne Aufgabe

Abgaben

- Abgaben kommen jeweils in den Ordner unter "Abgabe" welcher dem aktuellen Übungsblatt entspricht
- Folgende Details werden auf jeder Abgabe angegeben:
 - Vor- und Nachname
 - Tutor*in Name
 - Tutorium #
 - Blatt Nummer
- Dateiname ist immer: mi1_uebung#_nachname
- Akzeptierte Formate: PDF und ZIP

Grundlagen der Medieninformatik I
Tutor*in: Leonard Haddad
Tutorium: T08

WiSe 2021/22
Bearbeiter*in:

Übungsblatt 1

mi1_uebung1_haddad.pdf

Gestaltgesetze

1. Gesetz der Nähe
 - Was nah aneinander liegt wirkt zusammengehörig
2. Gesetz der Ähnlichkeit (auch "Gleichheit")
 - Was ähnlich aussieht wirkt zusammengehörig
3. Gesetz der guten Gestalt (Prägnanz)
 - Wahrnehmung sucht die plausibelste Erklärung für das Gesehene
 - Zusammenspiel der anderen Gestaltgesetze
4. Gesetz der guten Fortsetzung
 - Was einem Schema folgt wirkt zusammengehörig
5. Gesetz der Geschlossenheit (auch "Schließung")
 - Vervollständigung von Konturen
6. Gesetz der Symmetrie (bei Figuren, Hier nicht betrachtet)

Gestaltgesetze Beispiel

- Wo wirken hier Gestaltgesetze?

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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



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Gestaltgesetze Beispiel

- Wo wirken hier Gestaltgesetze?
- Gesetz der Nähe: führt dazu, dass die einzelnen Meldungen jeweils als eine Einheit wahrgenommen werden

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Gestaltgesetze Beispiel

- Wo wirken hier Gestaltgesetze?
- Gesetz der Ähnlichkeit: führt zu dem Eindruck: dies sind alles Meldungen (die Meldungen werden alle gleich angesehen)

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Gestaltgesetze Beispiel

- Wo wirken hier Gestaltgesetze?
- Gesetz der Schließung: macht aus den eine Linie die zur Seitenzahl führt und das Pro UB Logo wird als Kreis wahrgenommen

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Gestaltgesetze Beispiel

- Wo wirken hier Gestaltgesetze?
- Gesetz der Fortsetzung: macht, dass man die 4 Einträge des Inhaltsverzeichnis als gleichwertig sieht.

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Gestaltgesetze Beispiel

- Wo wirken hier Gestaltgesetze?
- Gesetz der guten Gestalt (Prägnanz): nicht besonders ausgeprägt vorhanden. Voneinander unabhängige Meldungen sind ein gängiges Format und werden als dies wiedererkannt.

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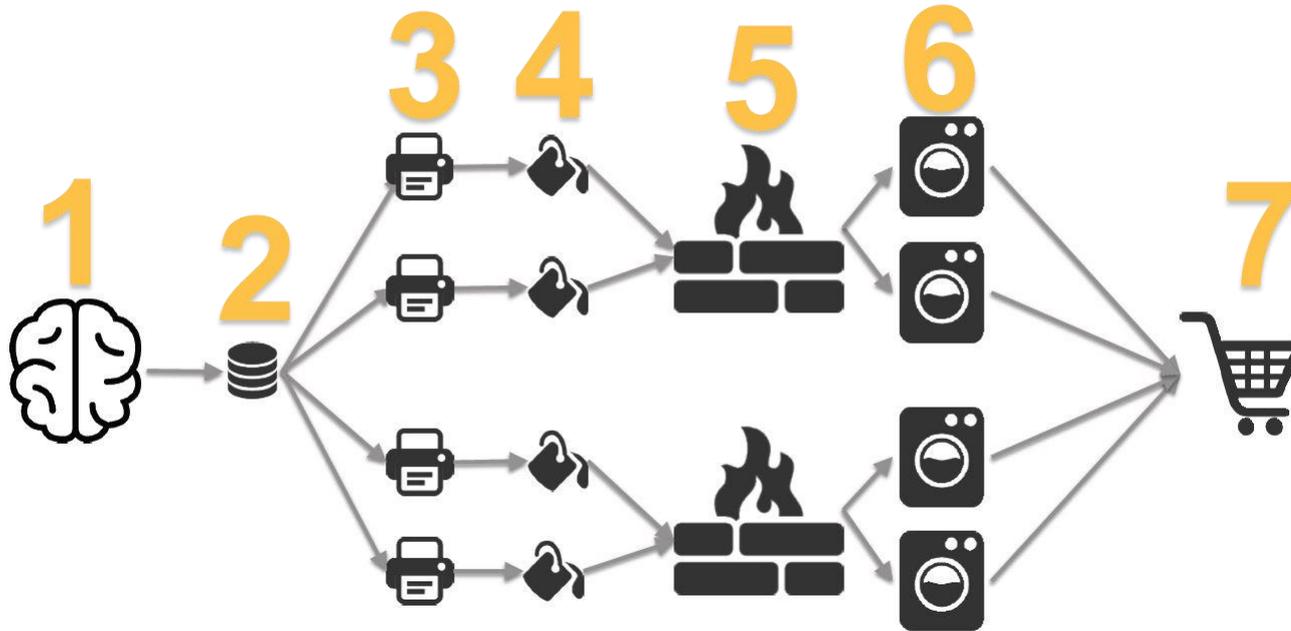


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Lösung zu 2:



1. „Übungszettel entstehen zuerst im Kopf.

2. Sie werden dann in einer Datenbank gespeichert

3. und gedruckt.

4. Danach werden sie eingefärbt,

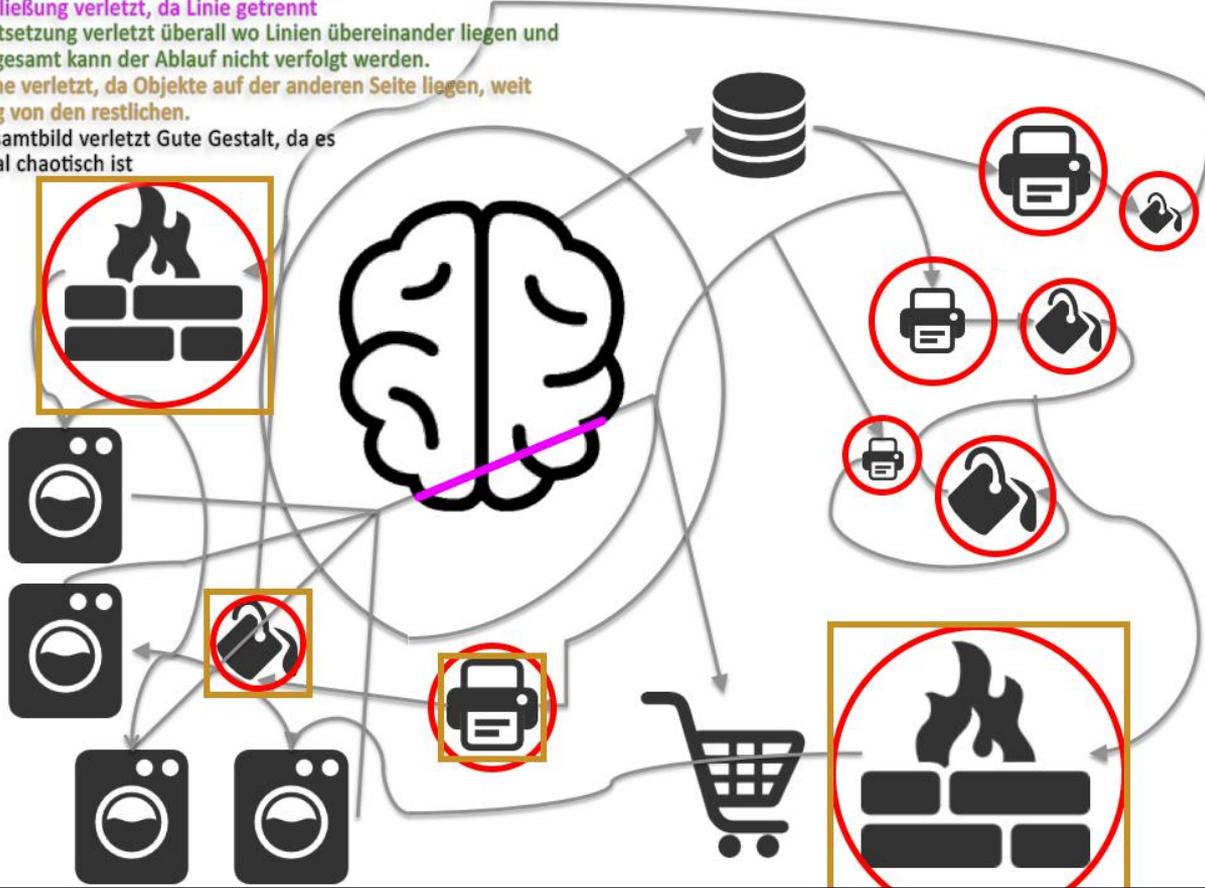
5. die Farbe im Ofen eingebrannt

6. und danach überschüssige Farbe abgewaschen.

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

Lösung zu 3:

Ähnlichkeit verletzt, da Größen ungleich
Schließung verletzt, da Linie getrennt
Fortsetzung verletzt überall wo Linien übereinander liegen und insgesamt kann der Ablauf nicht verfolgt werden.
Nähe verletzt, da Objekte auf der anderen Seite liegen, weit weg von den restlichen.
Gesamtbild verletzt Gute Gestalt, da es total chaotisch ist



Lösung zu 4:

- Was bedeutet „Gestaltgesetze verletzt“? Warum steht verletzt in Anführungszeichen?
 - **Verletzt** - man hat sich nicht an die Gestaltgesetze gehalten, siehe Lösung zu 3.
 - **“Verletzt”** steht in Anführungszeichen, da es sich nicht um “echte Gesetze” handelt, sondern eher um “Richtlinien”



Das Wars!

Bis nächste Woche!