

THE SOFTWARE DEVELOPMENT PROCESS

PRESENTATION OF THE CASE STUDY

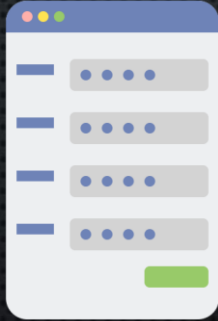
eLearning Platform



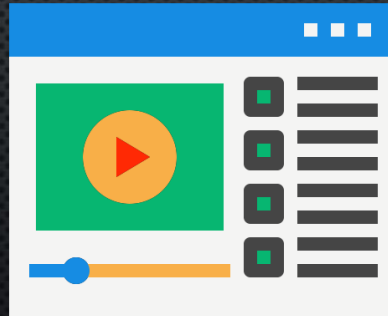
Login/Registration



Profile Page



Courses



Lectures per
course



Exercises/tests

eLearning Platform

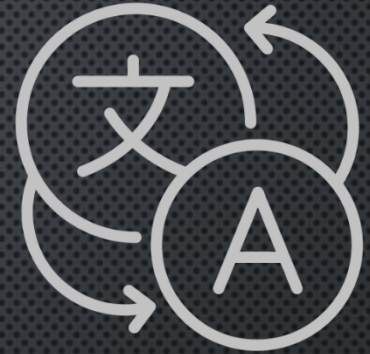


Teacher Admin



App Admin

- Each course page will contain all the lessons (eventually using a paginator or the infinite scroll functionality) composed of videos and other resources
- It can be customized per customer needs (e.g. showing more lessons in a page and/or adding downloadable PDF reports)
- It can also be customized e.g. per language



ELEARNING PLATFORM

- Create a eLearning platform for salesman to learn about new products
- A web application where for the users need to register and login
- Each user will see some specific courses
- Each course is composed of more slides

ELEARNING PLATFORM

- The slides of a course can be information slides and quiz slides
- At the end the user can view the results and print the certificate (in pdf format)
- The slides are specified in page 4 and 5

INFO PAGE

- Videos
- Images
- Paragraphs
- Hotspots
- Animations

QUIZ PAGE

- Fill in the blanks
- Multiple answers
- Drag & Drop

ADMIN

- Manage users
- Manage courses
- Assign users to courses
- Manage slides for each course

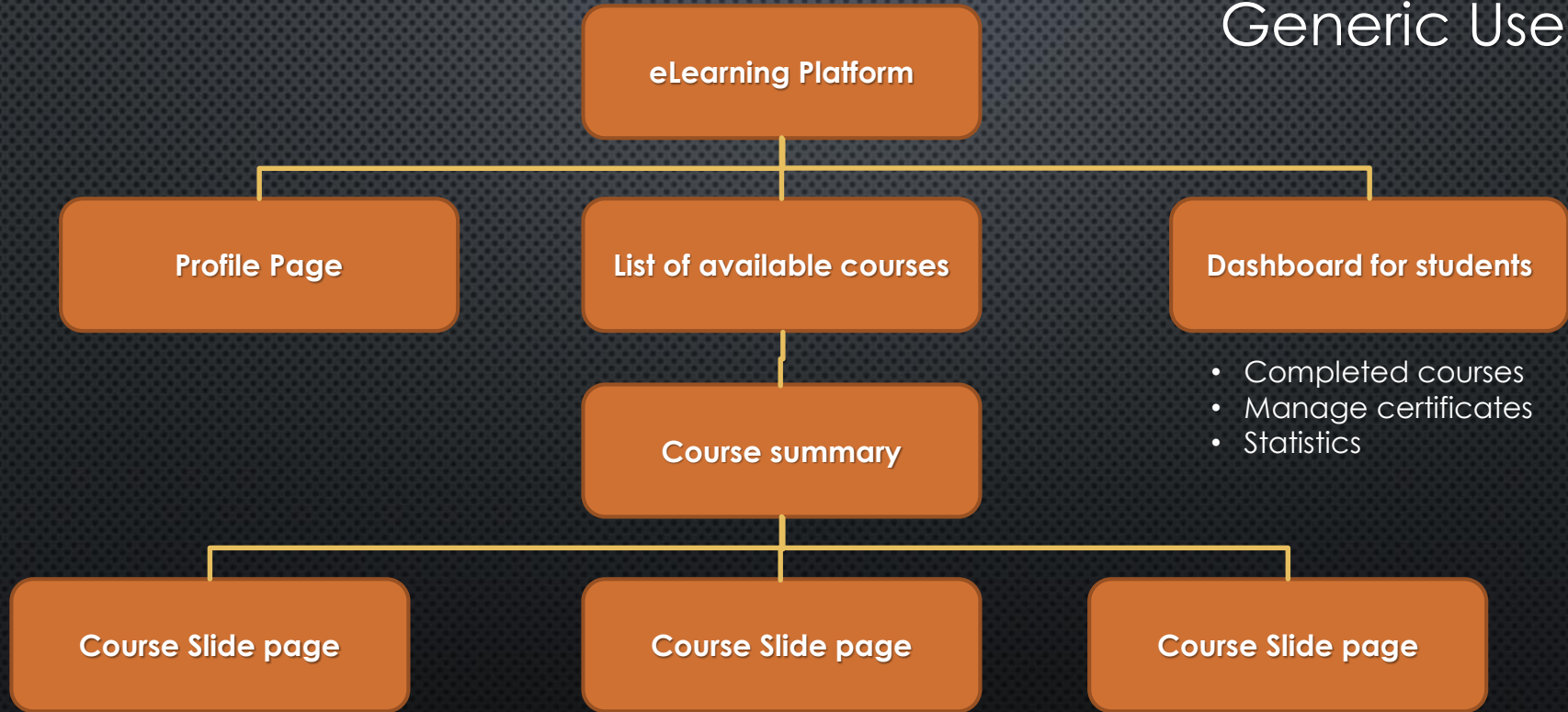
SUPERUSER

- Dashboard for analytics, reporting (see courses done by each users, fail/pass,...)

HIGH LEVEL DESIGN



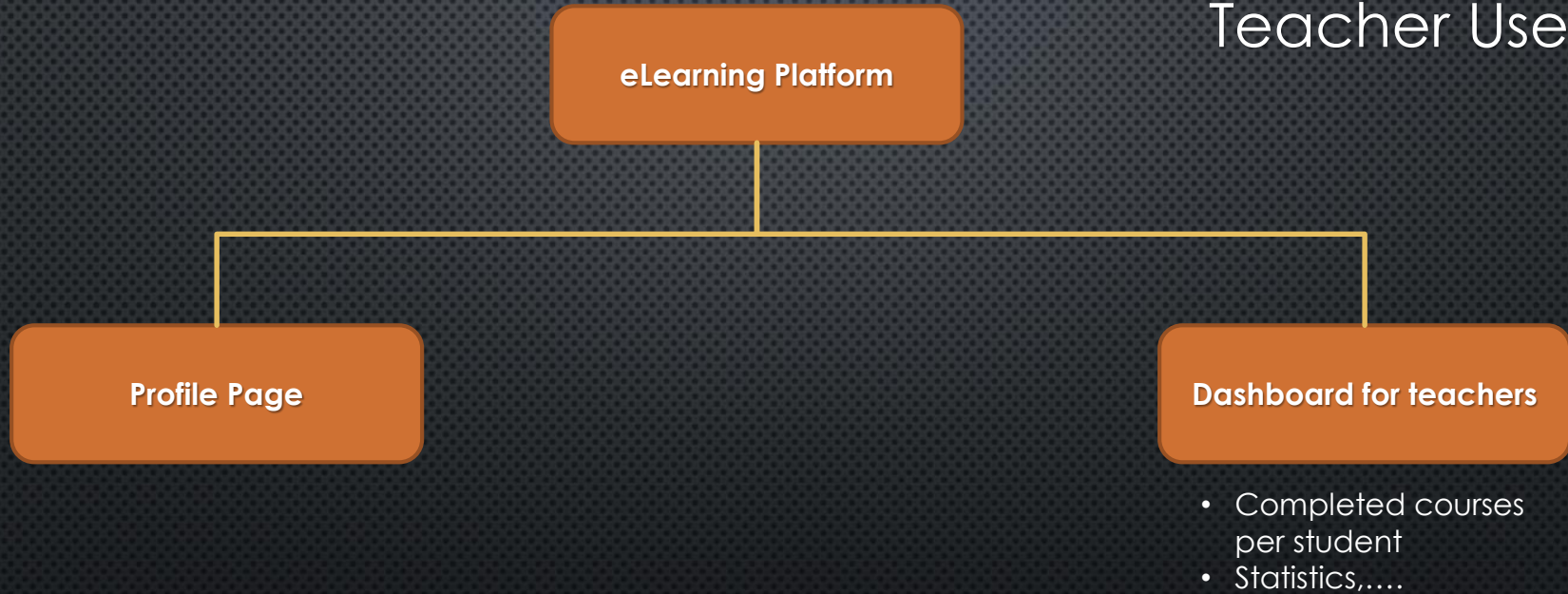
Generic User



HIGH LEVEL DESIGN



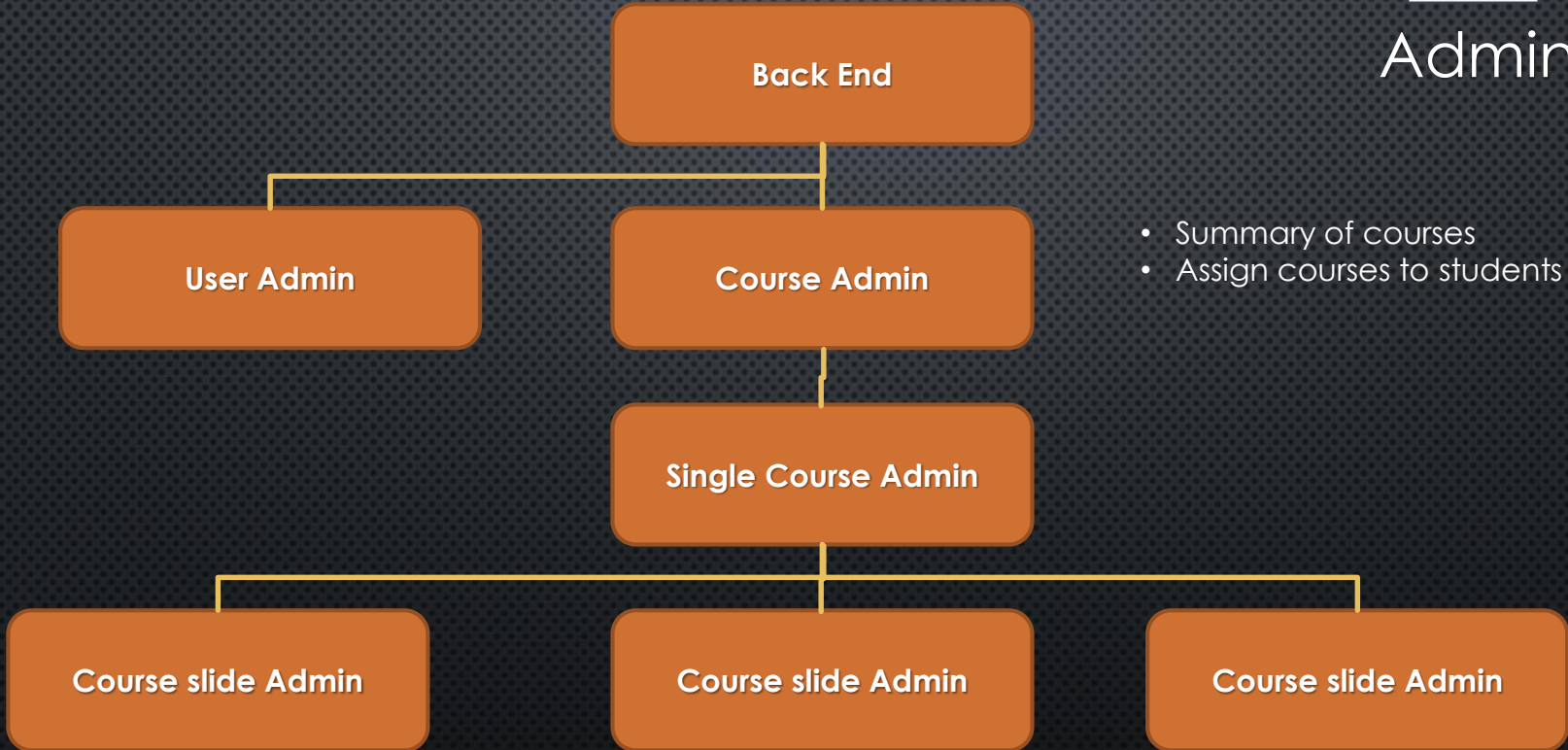
Teacher User



HIGH LEVEL DESIGN



Admin



- Summary of courses
- Assign courses to students

- Manage content (videos, hotspots, images, paragraphs,..)

- Manage content (videos, hotspots, images, paragraphs,..)

- Manage content (videos, hotspots, images, paragraphs,..)

COURSE SLIDES

Info page

Quiz page

COURSE SLIDES

Front End

Back end / Admin

USE CASES

Edit profile



Generic User

Verify his/her performances

View Summary of courses

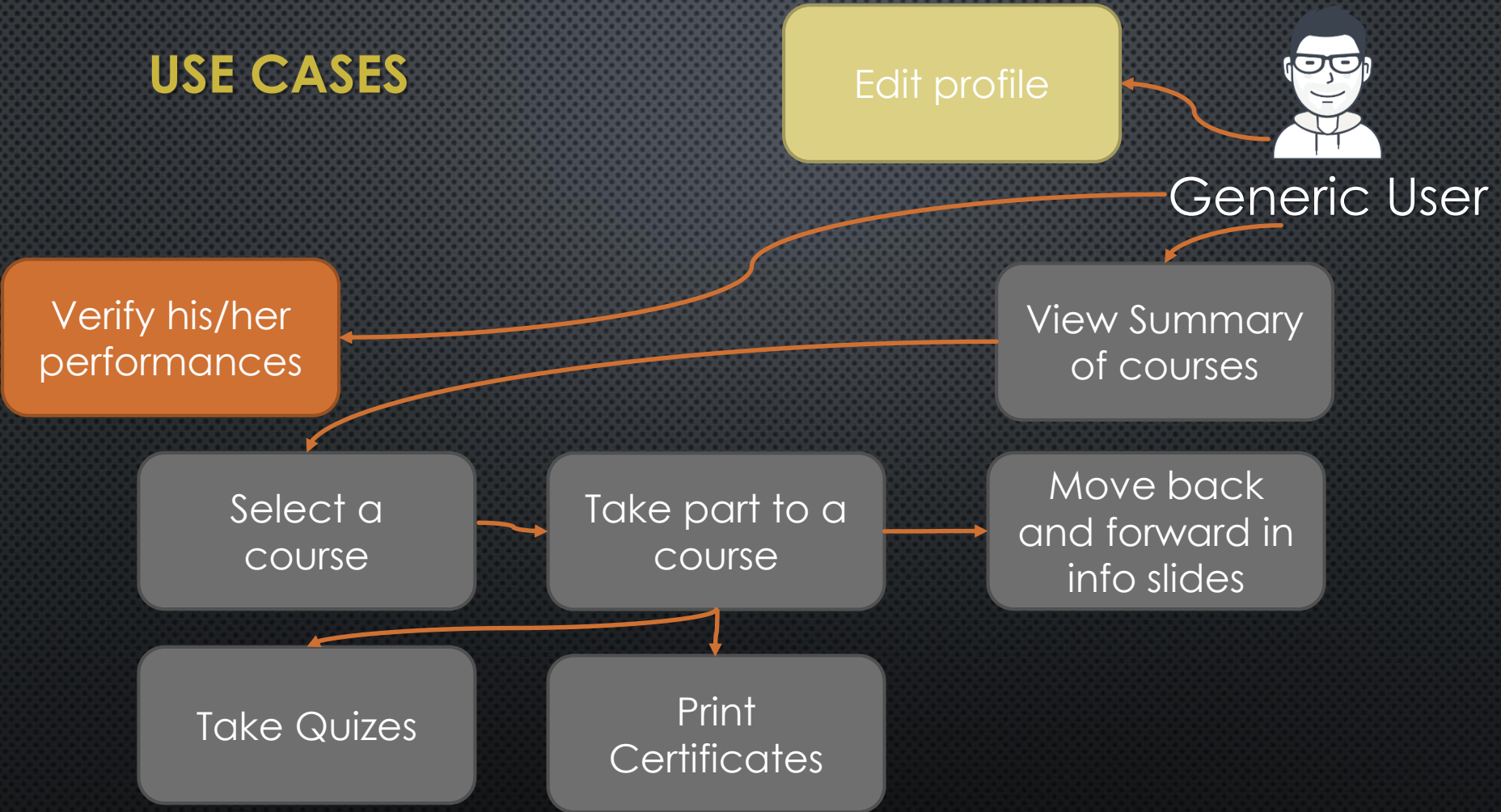
Select a course

Take part to a course

Move back and forward in info slides

Take Quizzes

Print Certificates



PROFILE PAGE



First name: xxxx

Last name: xxxx

Email: ccccc

CV: erertertre

Change password

Save

LIST OF AVAILABLE COURSES



Course ABC01

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2

3



Course ABC01

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Course ABC01

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Course ABC01

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1 course thumbnail
2 course title
3 course description –
300 chars max

Show more

COURSE SUMMARY



Course ABC01

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Start Course

1 course thumbnail

2 course title

3 course description – 300
chars max

4 students did not start this
course yet

4

COURSE SUMMARY

5 if course progress = 100%
show the link to the
certificate pdf



Course ABC01

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Continue Course

N. Slides: 45

N. Quizzes: 3 (5 questions)

Your progress: 46%

[Download your certificate](#)

1 course thumbnail

2 course title

3 course description – 300
chars max

4 students started already
the course (progress >0)

4

COURSE INFO SLIDE

1 container
2 move back
3 move forward

1

Container
(this is the container of the content of the information)

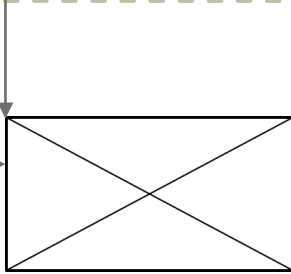
2

3

COURSE INFO SLIDE

1 container
2 move back
3 move forward

1



Container
(this is the container of the content of the information)

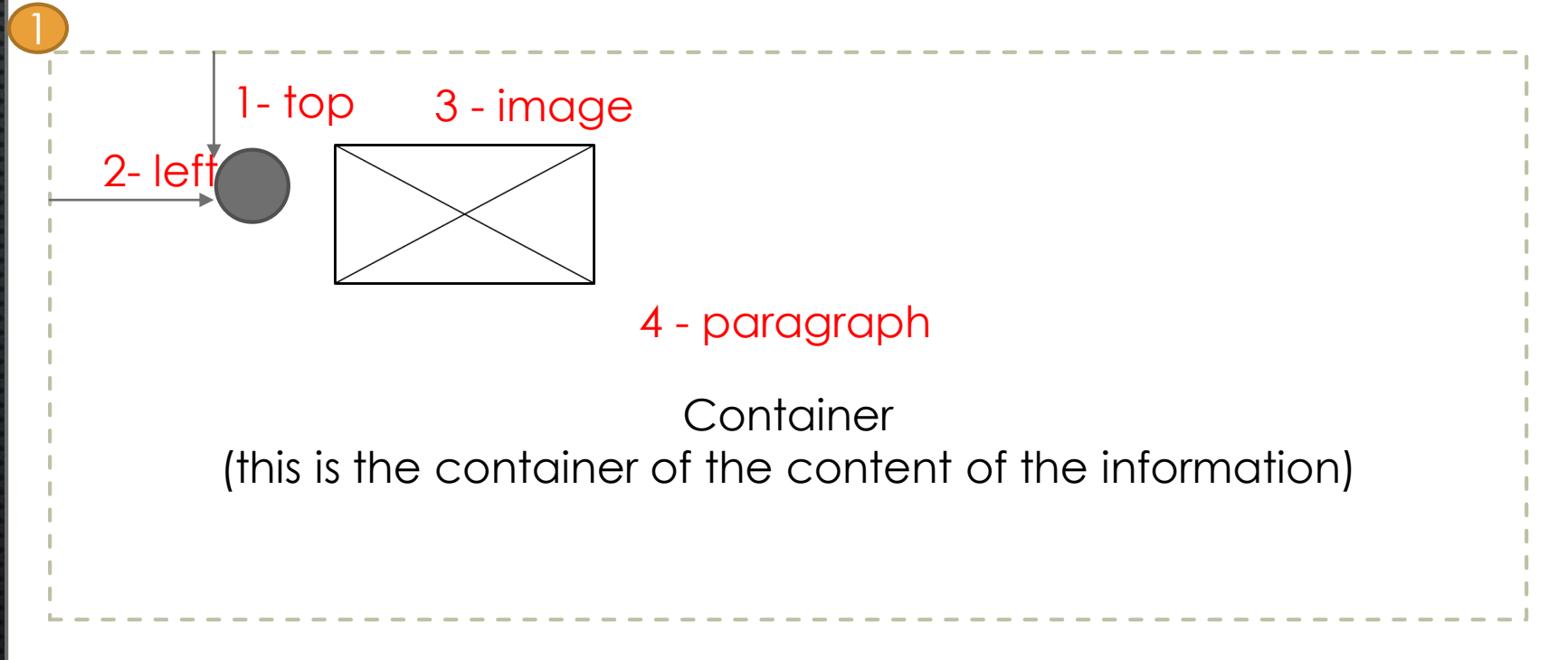
2



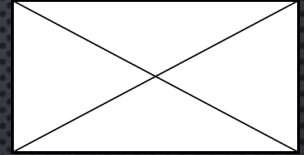
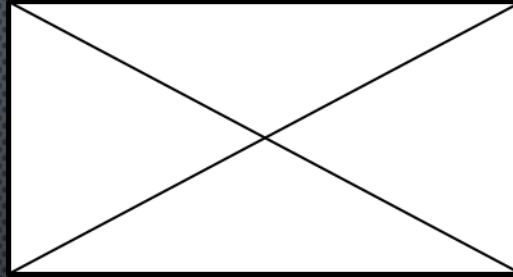
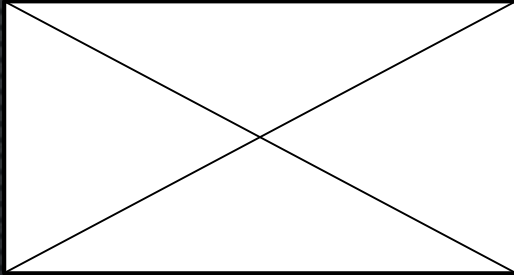
3

COURSE INFO SLIDE

1 container
2 move back
3 move forward



SINGLE COMPONENTS



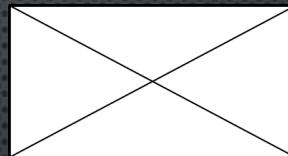
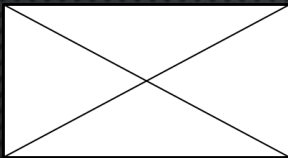
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HOTSPOTS



My
paragraph



My
paragraph