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Department of Information Technology
IT312 Web Applications Engineering
Project - Phase#1
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Kids Script

Group#4 Day (Wed - 1:00 to 2:50)

Student Name	ID	Tasks
Rawan Al Saif	443200449	Wireframes (Schedule), Sitemap, Function
		Requirement.
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		Competitive Analysis, Function Requirement.
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		Function Requirement.
Sara Al Ghemlas	443200616	Wireframes(Home, Tutors), Site Goal, Site
		Audience, Function Requirement.

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Site Goal:

Nowadays programming is considered one of the important skills that everyone can have. Therefore, learning basic programming skills at a young age can greatly benefit kids. As a result, we have made the decision to develop an engaging and educational website specifically designed for kids, that can help them to learn programming in a fun way. Due to that, they can enhance their problem-solving skills and computational thinking. Which leads to building creative and logical thinkers.

Site Audience:

We have two main audiences on our site which are: parent and administrator.

First parents, they can use the website to find courses for their kids, register for courses and monitor their kids progress in their learning journey.

Second administrator, who has the authority to manage system such as: having a detailed view of all the kids that have been registered in the learning center, the courses, each course with the registered kids and the tutors names.

Function Requirement:

We have 9 pages. The main pages are home, administrator, parent, courses and tutors. The administrator page leads to the schedule page. Also, the parent page leads to register a kid page, course enrolment and course evaluation.

- **Home page:** it shows an overview of our website including vision, most common courses and some parent reviews about variety of courses.
- Administrator page: only the administrator can access this page. Where he/she can view general statistics about the number of courses, registered kids and tutors. In this page, we have three section which are: registered kids, courses and tutors.
 - 1. **Registered kids section** provides a list of some important information about all the registered kids on the website which are: name of the kids and the parent email.
 - 2. **Courses section** provide a detailed list about all the courses. Each course include: course name, instructor name and registered kids name.
 - 3. **Tutor section** provide a detailed list about all the tutors. It shows tutor name, the courses that he/she is assigned to and the schedule that can be accessed by clicking the tutor name which allow the administrator to preview the schedule for each tutor.
- **Schedule page:** this page will be accessed from the tutor section in the administrator page. It shows the tutor schedule. The schedule gives information about the tutor availability (the shadow areas in the schedule means that the tutor is not available in this time/day) in the center and provides an overview of the course time that he is assigned to.

- **Parent page:** only the parent can access this page. The page shows all the parent's kids, and it allows the parent to get to three other pages which are registering a new kid page, course enrolment page and course evaluation page.
 - 1. **Register a new kid page** allows the parent to register a new kid on the website by filling a form that asks for the kid's information including the kids name, date of birth, gender and his photo. Also, it asks for his contact information which are phone number and email.
 - 2. Course enrolment page allows the parent to assign his kid to a course by choosing the kid's name and the course name(the parent can choose multiple courses). This page provides a filter (advanced search) for the courses so it can make the search process easier for the parent by using prerequisites and tutor name.
 - **3. Course evaluation page** allows the parent to assess the courses by choosing it from a drop-down list, rate it on scale of 5 and it is optional to write a feedback.
- **Courses page:** shows an overview of all the courses. Each course is shown with its details which are: course name, course description, assigned tutor, rate out of 5, day and time. Also, it shows prerequisite and objectives as a pop-up window.
- **Tutor page:** shows an overview of all the tutors that are in the learning center. It shows the tutor's information which are: tutor's name, his photo, teaching topics and his email.
- **Header:** it's located at the top of each page. It contains the logo, the name of the center and the global navigation which are: home, administrator, parent, courses and tutors.
- **Footer:** it's located at the bottom of each page. It contains the reasons to choose Kids Script "Why Us?", the most frequent questions "FAQ" and contact us by many contact methods.

Competitive Analysis:

The evaluation is a simple check $\underline{Y/N}$; (Y=Yes, N=No) or a number from $\underline{1}$ to $\underline{10}$; (1 is the smallest value, 10 is the biggest value).

	Criteria	CODE COMBAT (https://codecombat.com/)	Codemonkey (https://www.codem onkey.com/)	Education.com (https://www.e ducation.com/	Additional Functions\Features
Design	Layout. (1-10)	7	9	10	
	Navigation. (1-10) (list three global navigation)	7 -Educators (Ozaria classroom) -Parents -Esports	8 - Courses -Plan(Teacherplan) - Plan (Parentplan) - Logo → take us to the home page	- Worksheet - Games - Lesson plans	
	Look and Feel. (1-10)	5	9	10	
	Download Time. (1-10)	8	10	10	
ojul	Home Page Size. (1-10)	8 (too long)	8 (too long)	10	
Features	Search box in all pages. (Y/N)	N	N	Y	
	Advanced Search. (Y/N)	N	N	Y	
	(list the elements that guide the search)			-By grade -By subject -By topic	
	About Us page. (Y/N)	Y	Y	Y	
	Contact Us page. (Y/N)	Y	Y	Y	
	Site map. (Y/N)	N	N	N	
Z z	Text. (Y/N)	Y	Y	Y	

		CODE COMBAT	Codemonkey	Education.com	
	Criteria	(https://codecombat.c om/)	(https://www.codem onkey.com/)	(https://www.e ducation.com/)	Additional Functions\Features
	Audio. (Y/N) (Add one link to it if Y)	N	N	Y	
				https://www.e ducation.com/ game/cody-2/	
				(While playing the games).	
	Video. (Y/N) (Add one link to it if Y)	Y	Y	Y	
		https://codecombat.c	https://www.youtu be.com/watch?v=39	Browse Songs Education.com	
		(in the middle of the home page)	dSdURiFfo&t=8s (as an introduction)	(it need to sign up)	
Ease of use	Effectiveness. (Y/N) (Is the Web site successfully provide the information and accomplish tasks.)	Y	Y	N	-Based on our opinions, the users may face some difficulties using the first website since the font is not clear and requires many steps to accomplish the goal so it will affect the user's journey. Also, it has a lot of unnecessary content that might distract them. -Based on our opinion, the second website is well organized and has a clear layout which makes it easy to deal with and faster to accomplish tasks.
	Efficiency. (Y/N) (Is the Web site give the user ability to accomplish tasks quickly and easily without frustration?)	N	Y	Y	
	Satisfaction. (Y/N) (Is user enjoying using the Web site?)	N	Y	Y	- Based on our opinions, the third website has a search bar in every page and filter options which make it easier and faster to reach what I want.

Sitemap:

The site map of Kids Script website is shown in Figure 1.

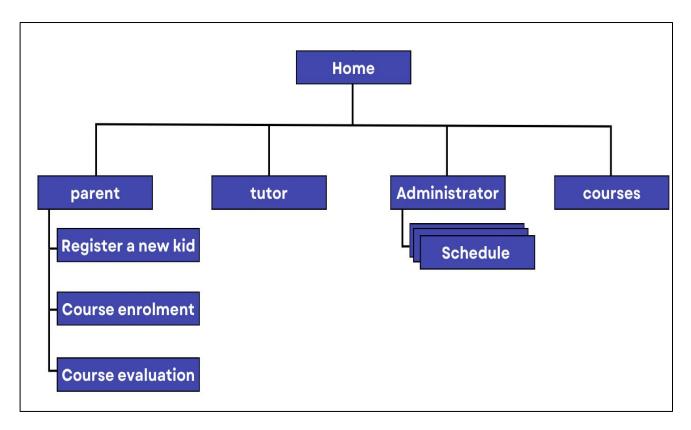


Figure 1

Wireframes:

Page1: Home page.

As shown in Figure 2.

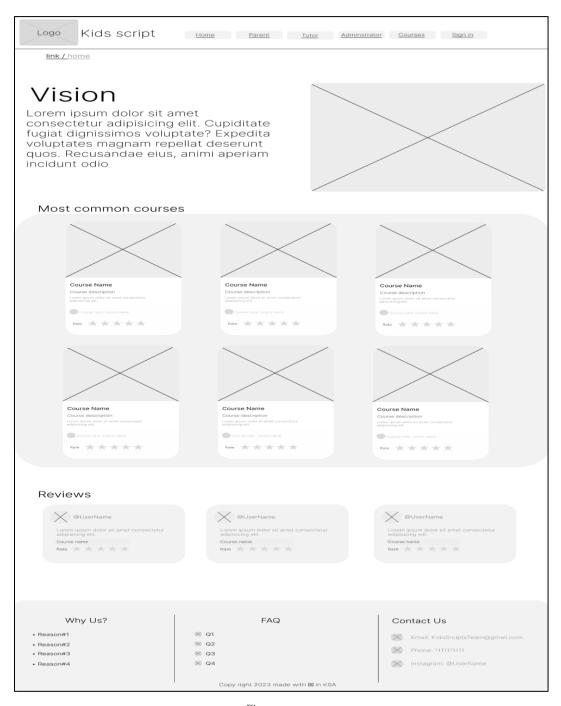


Figure 2

Page2: Course page.

As shown in Figure 3.

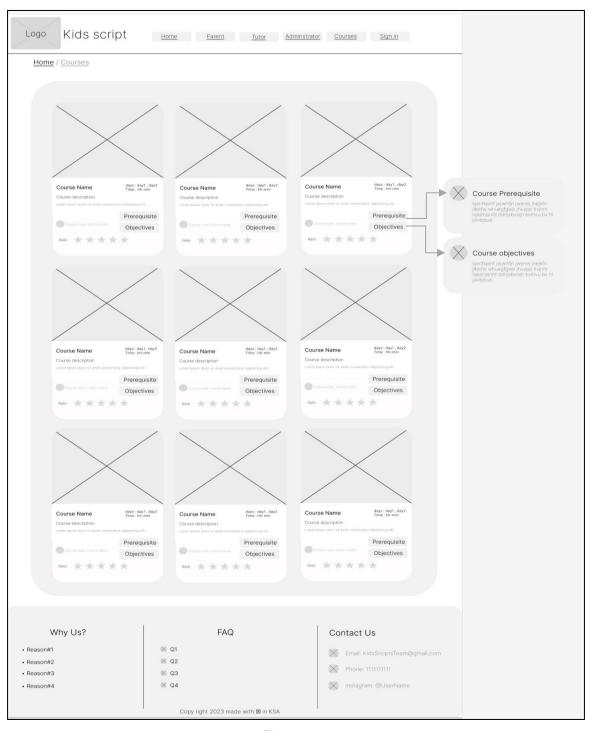


Figure 3

Page3: Tutors page.

As shown in Figure 4.



Figure 4

Page4: Administrator dashboard page.

As shown in Figure 5.

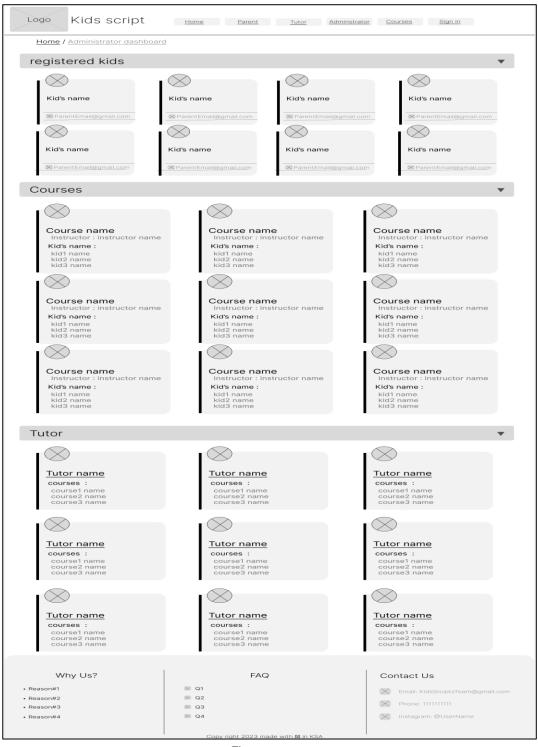


Figure 5

Page5: Schedule page.

As shown in Figure 6.

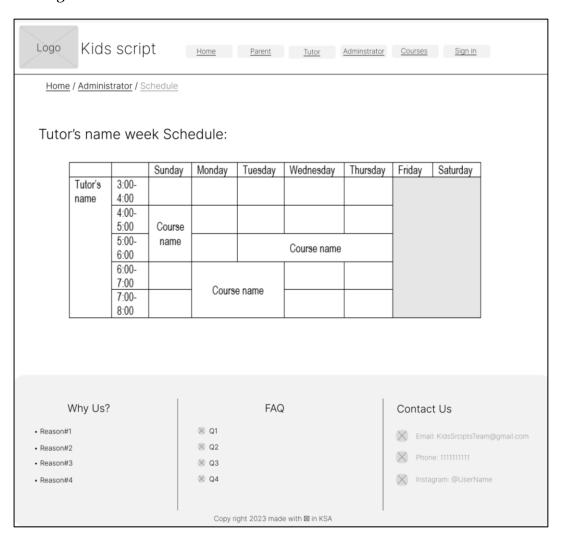


Figure 6

Page6: Parent dashboard Page.

As shown in Figure 7.

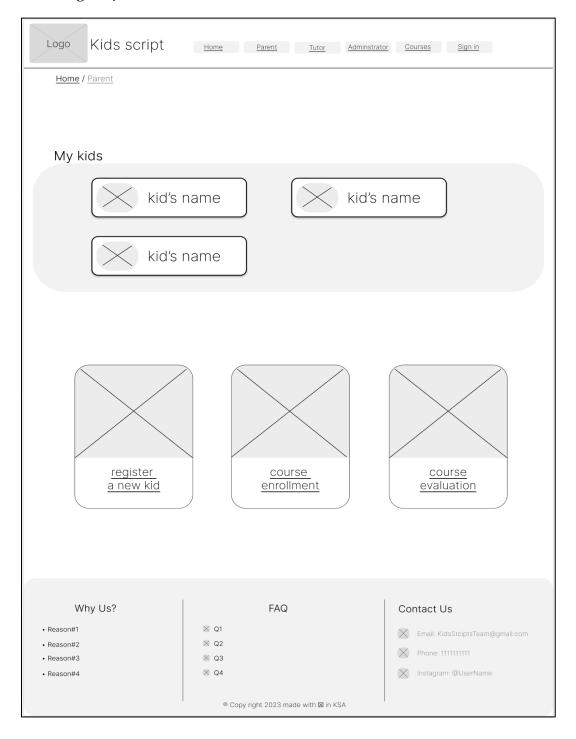


Figure 7

Page7: Register a new kid page.

As shown in Figure 8.



Figure 8

Page8: Course enrolment page.

As shown in Figure 9.

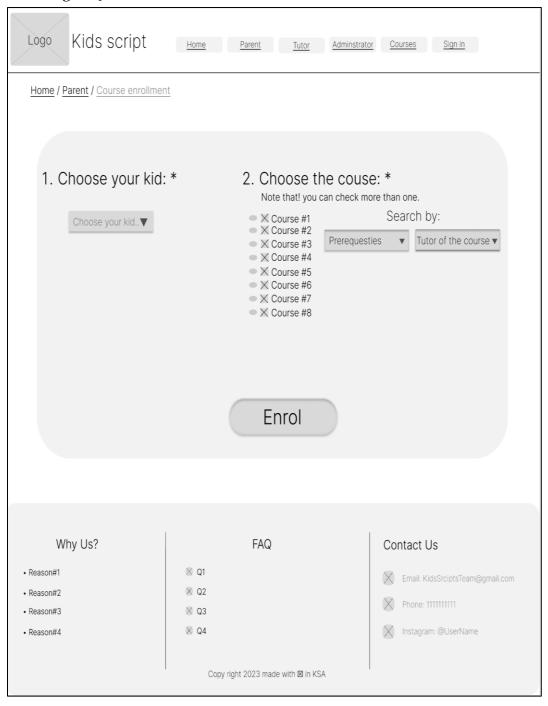


Figure 9

Page9: Course evaluation page.

As shown in Figure 10.

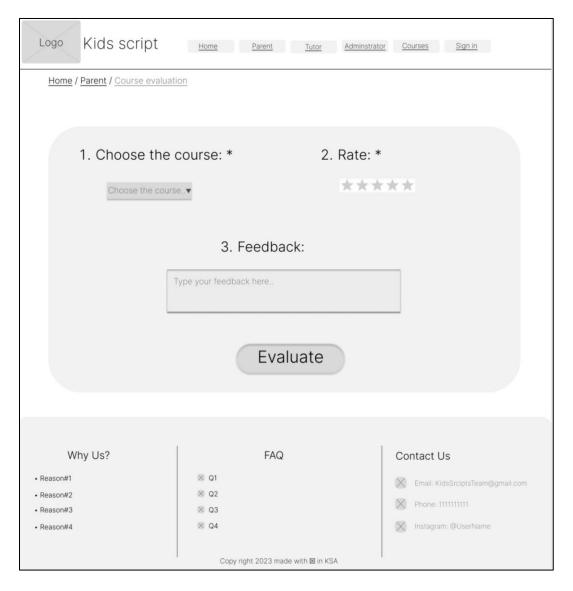


Figure 10