



CP5046 ICT Phase - 1

Assessment TASK 1: Project Documentation

Lecturer: Laura Antochi

Team Members:

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Harshitha Paderu	ID: 13539782

Company Overview

Russian Language School “Romashka” is a not-for profit organization, which provides a good quality of education for Russian children who were born in Australia or who came in Australia at a young age. The school already exists as it started in 2013. At this moment, the school has 7 teachers, 4 administrative staff and around 40 students. It provides Russian language, math, history, geography and early development classes every Saturday and Sunday from 9 am to 12 pm in Gold Coast. These courses are provided for children within the age group of 2 to 16 years old. Classes are held in small groups of 8 to 10 students. The classrooms for school activities are rented at Southport Community Centre. This community center has all necessary equipment for making school education safety comfortable and productive.

Qualified teachers exclusively with higher education, including teachers of the first and second categories, conduct the classes. The number of teaching staff is 7 people, however. the total number of employees of the school is 11. All staff have the required papers and certificates ,such as Blue Card, liability certificates, first aid and childcare certificates, that are required to work legally with children in Queensland.

That school was established by a family named Vadim and Tatiana Bek in January 2013. It started with five children and two teachers. At the beginning the school was not registered as an organization nor as a business, however, it was just a small section for children after school.

In 2017, when school started to grow, the type of organization had been changed to not-for-profit. After that, a post of the principal had been given to Victor Ovchinnikov.

Project description and goals:

The primary goal of this project is to develop a responsive website with high efficiency, learnability, memorability and safety; for the staff, students/parents of the Russian language school- Romashka (Daisy).

The secondary goal is to create centralized solution for the marketing team of the school. Online-Presence is very crucial to any business these days in order to promote themselves. This website will trigger exactly this and will help in having all activities - general information, enrolment, fee payment, etc.; all under one roof. It will also contain hyperlinks to other social media accounts to reassure visitors of its presence and growth in real-time.

Justification for the project

Information about the websites of schools that could be potential competitors to Romashka:

1. Most of the Russian language school websites are NOT responsive.
2. They provide different and lesser information on their English version when compared to more information on their Russian version.
3. No website has a login portal for staff/students.
4. No website has a SSL certificate and so are not be trusted.
5. No website meets the standard layout that all business websites follow these days.

The website that is going to be developed during this course will overcome all the above mentioned limitations. Also,

1. It will have no bias. It will provide same information in the English/ Russian version.
2. All contact details will be provided under a separate section of the website and also in the footer, i.e; phone number, email, social media links.
3. It will be responsive.
4. It will be secure.
5. It will be easy for visitors to understand and have proper sense of navigation throughout.

Roles and Contributions:

Name	Project role(s)	Individual contributions
Anastasia Verchak	Project manager, tester	<ul style="list-style-type: none"> - Client agreement - Prototypes - Communication with client - Testing - Final formatting
Charanpreet Kaur	Developer	<ul style="list-style-type: none"> - Project tools - Milestones - Configuration management
Harshitha Paderu	Developer	<ul style="list-style-type: none"> - Justification - Milestone 1 (Learning tools) - Project Goals - Editing & Formatting

Project Timeline:

Milestone 1:

User story	Priority	Time frame
Home page	10	24/01/19 – 8/02/19
Login page(student)	10	
Login page(staff)	10	

Developer's Learning Tools	Priority	Time Frame
Bootstrap	10	17/12/18 - 17/01/19
Dreamweaver	10	
PHP	10	

Project Manager's Learning Tools	Priority	Time Frame
Project Management Tools	10	18/01/19 - 23/01/19

Milestone 2:

User story	Priority	Time frame
Dashboard	10	09/02/19 – 24/02/19
Enrollment page	10	
Payment page	10	

Milestone 3:

According to given timeline, the schedule looks little ambitious but, with combination of execution and communication we are sure that we can finish the project on time.

User story	Priority	Time frame
About Us page	20	24/02/19 – 09/03/19
Contact Us page	20	
Blog(Admin)	40	
Event page	40	
Blog (visitor)	50	

Project scope

Alpha-release

Title	Description	Client Priority	Time estimate (days)
Login page (student)	Access to the profile for checking the study progress and upload a homework, paying fees and etc	10	5
Login page (staff)	Access to the profile, edit students, classes	10	5
Home page	Access to the whole web-site, main page with news, greetings and main menu	10	5
Registration page	Registration to the school	10	3
Dashboard	Student has an access to his study activities	10	5
Contact us page	Access to the contact details of the school to find its location, phone number for any queries.	20	2

About us page	Access to the information about the school involving teaching programs, events ,etc.	20	5
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Beta Release

Title	Description	Client Priority	Time estimate (days)
Confirmation page	presents the total amount to be paid	20	5
Payment page	process the payment	20	5
Subject Selection page	Students can enroll by choosing the subjects for the first time and confirm their enrollment	20	5
Edit Selection page	Edit the choices of subjects (withdrawing, changing of subjects)	20	5

Final-release

Title	Description	Client Priority	Time estimate (days)
Blog(Admin)	Allows the admin to post articles about school that visitors can read.	40	3
Events Page	Allows visitors to check upcoming event details, and register if necessary	40	1
Blog(Visitor)	Allows visitors to read the blogs posted by the admin(like or dislike and comment on it)	50	3
Gallery	Allows all visitors to view images of school, events conducted,etc	50	1

Project sponsor

Certificate of Registration of a Company

This is to certify that

GOLD COAST RUSSIAN LANGUAGE SCHOOL

"ROMASHKA" LTD

Australian Company Number 622 453 034

is a registered company under the Corporations Act 2001 and
is taken to be registered in Queensland.

The company **is limited by guarantee**.

The company is a **public** company.

The day of commencement of registration is
the twenty-fifth day of October 2017.



ASIC
Australian Securities & Investments Commission

CERTIFICATE

Issued by the
Australian Securities and Investments Commission
on this twenty-fifth day of October, 2017.

Greg Medcraft
Chairman

Name	GOLD COAST RUSSIAN LANGUAGE SCHOOL "ROMASHKA" LTD
ABN	67622453034
Contact person	Victor Ovchinnikov, principal
Contact email	info@schoolromashka.com.au
Contact phone	468296494

Client agreement is attached as Attachment 1.

Configuration management

1. GitHub:

GitHub is an online version control service which stores our work in versioned fashion. We can revert to any version at any point in time. Multiple users can use a repository to store their work.

Link to the repository is as follow:

<https://github.com/harshup96/Romashka>

The screenshot shows the GitHub repository settings page for 'harshup96 / Romashka'. The page is divided into two main sections: 'Collaborators' and 'Code'. The 'Collaborators' section is active, showing a list of collaborators with their names and GitHub avatars. The 'Code' section shows the repository's commit history, including the latest commit by 'preetichhabra11' and a list of files and folders.

Collaborators

Collaborator	Access
Preeti Chhabra preetichhabra11	Push access to the repository
anastasiaverchak	Push access to the repository

Code

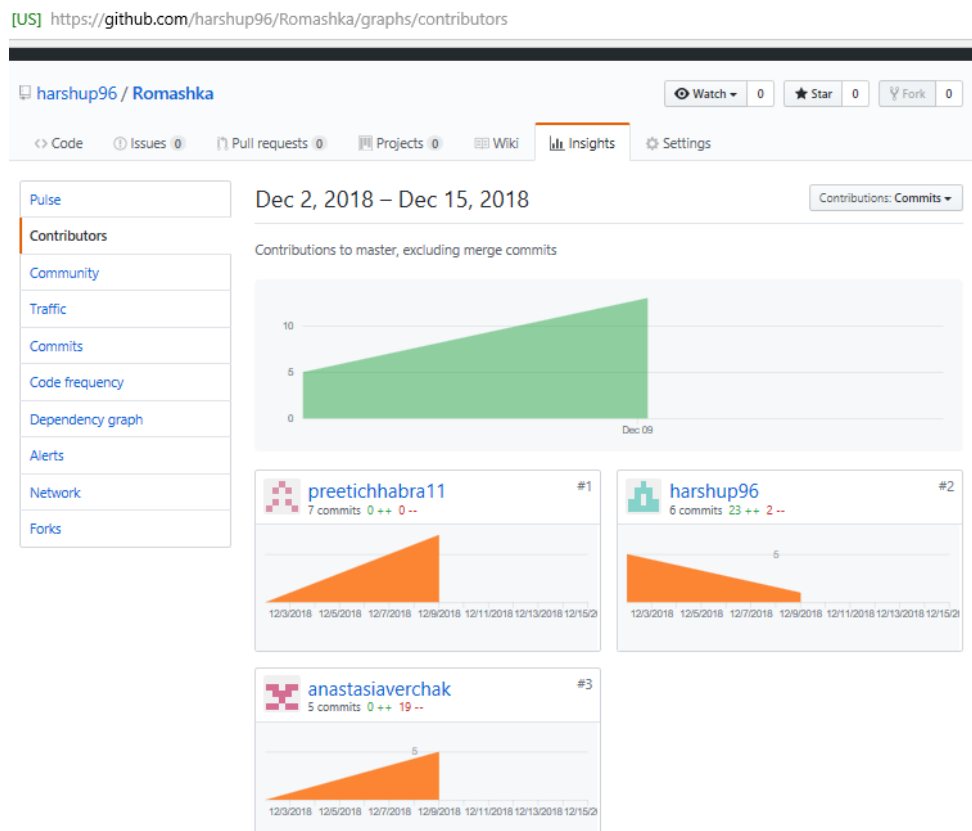
ICT

Manage topics

17 commits 1 branch 0 releases 3 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

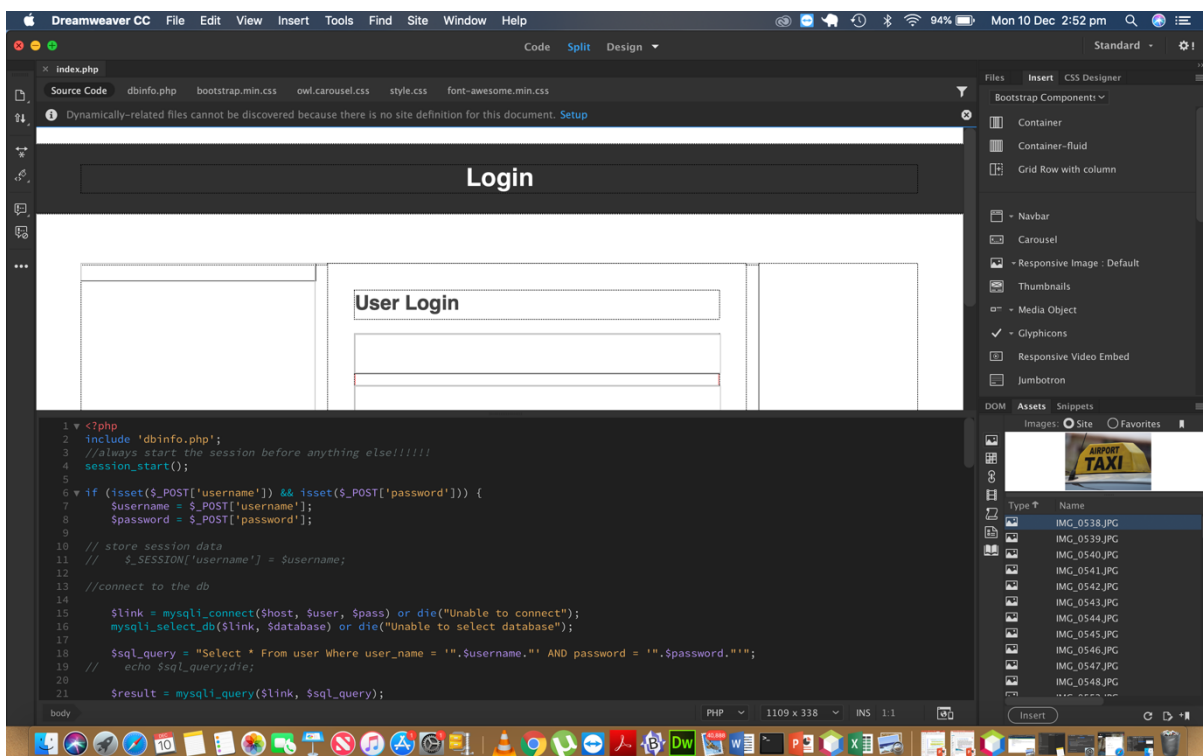
Commit	Files	Time
preetichhabra11 Updated alpha word file	Alpha, .pages	3 days ago
.DS_Store	Project files and project documentation	3 days ago
.gitattributes	Initial commit	10 days ago
ICT1 A1-Charanpreet kaur.docx	Draft A1	a day ago
Updated A1 document by Charanpreet.docx	Updated ICT1- A1 by Charanpreet	7 hours ago
updated alpha with beta release.docx	Updated alpha word file	7 hours ago



Project Tools:

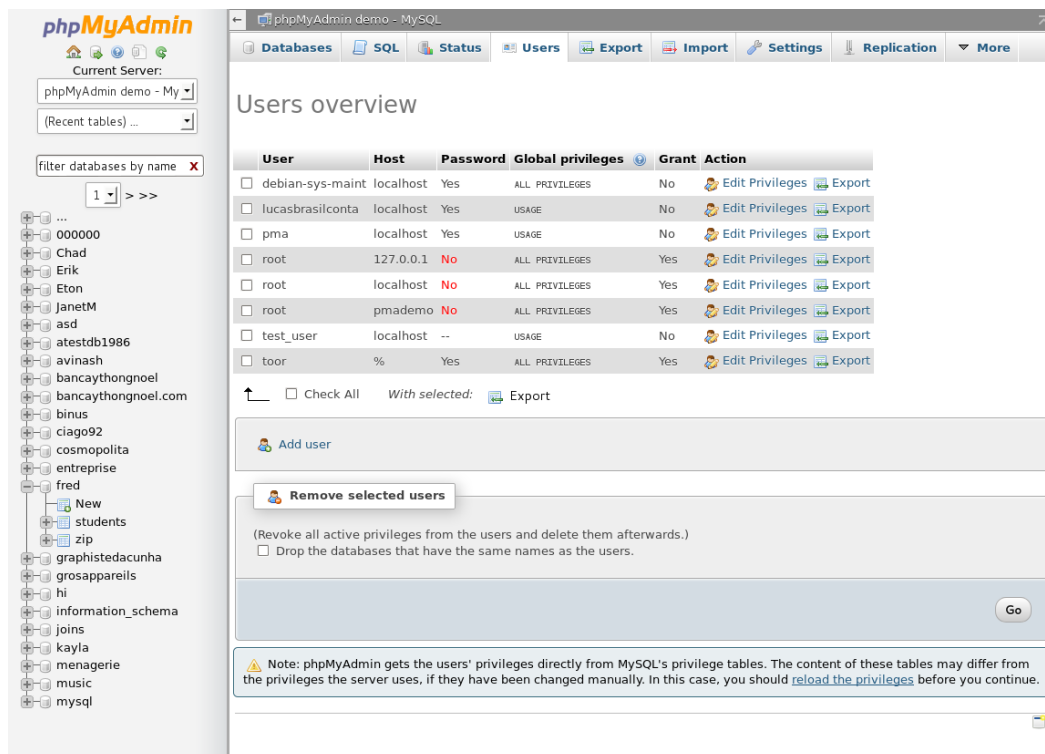
1. Adobe Dreamweaver:

It is a comprehensive tool developed by Adobe for web designers. We used Dreamweaver for designing our HTML and CSS pages. The integration with Git makes it flawless. It also supports JavaScript, PHP.



2. PHP:

PHP is a server side scripting language that is embedded in HTML. It is integrated with number of popular databases like MySQL, Oracle, PostgreSQL, Informix, etc.



3. HTML:

HTML stands for Hypertext Markup Language. It supports tags for various elements of a web page.

4. CSS:

CSS is basically a styling language. It works in tandem with HTML for create beautiful webpages.

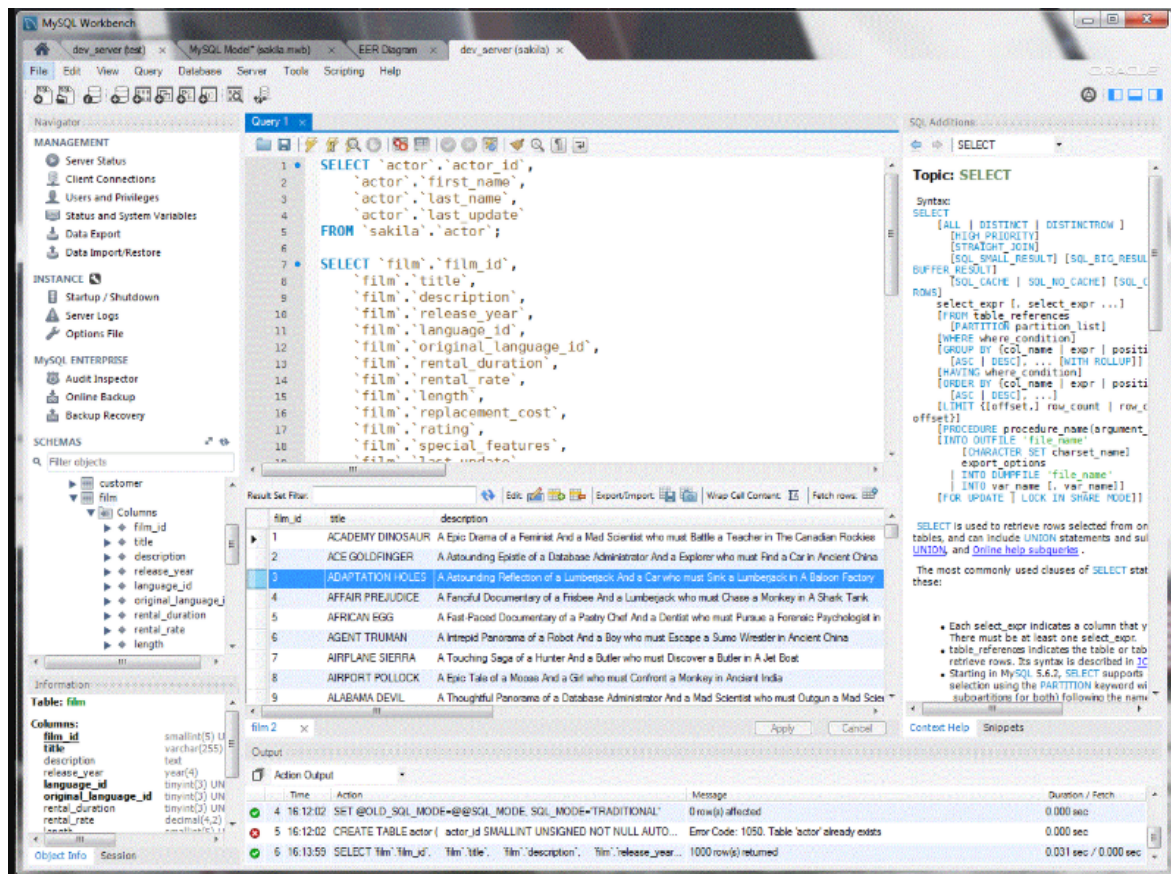
```
const pluckDeep = key => obj => key.split('.').reduce((accum, key) => accum[key], obj)

const compose = (...fns) => res => fns.reduce((accum, next) => next(accum), res)

const unfold = (f, seed) => {
  const go = (f, seed, acc) => {
    const res = f(seed)
    return res ? go(f, res[1], acc.concat([res[0]])) : acc
  }
  return go(f, seed, [])
}
```

5. MySQL:

MySQL is a sequential programming language which helps in creating, managing and retrieving data from databases. We are using Microsoft access to implement our database.



** If a new team member adds up in later phases, they have to install Dreamweaver, Access on their laptops. The previously developed versions can be found on GitHub. The new team member should understand our progress and be able to learn programming needed. He/she should be able to understand the user stories and priorities.

Testing tools

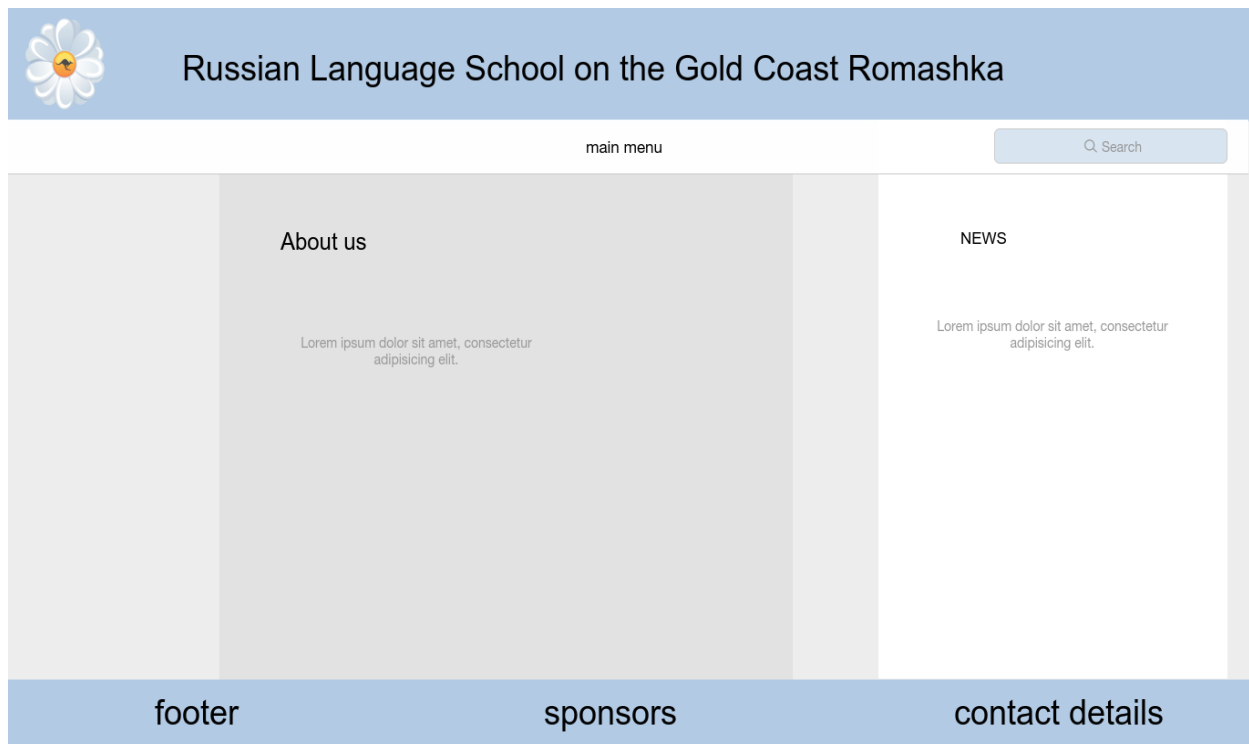
All test cases are attached as Attachment 2.

Test case number	User story	Description	Testing type
RLSR_001	School login screen	Verify login with valid username and password	Manual, database testing
RLSR_002	School home screen	Verify that domain name is working and home page is available	Manual, domain name testing
RLSR_003	School registration screen	Verify that registration is working	Manual, database testing

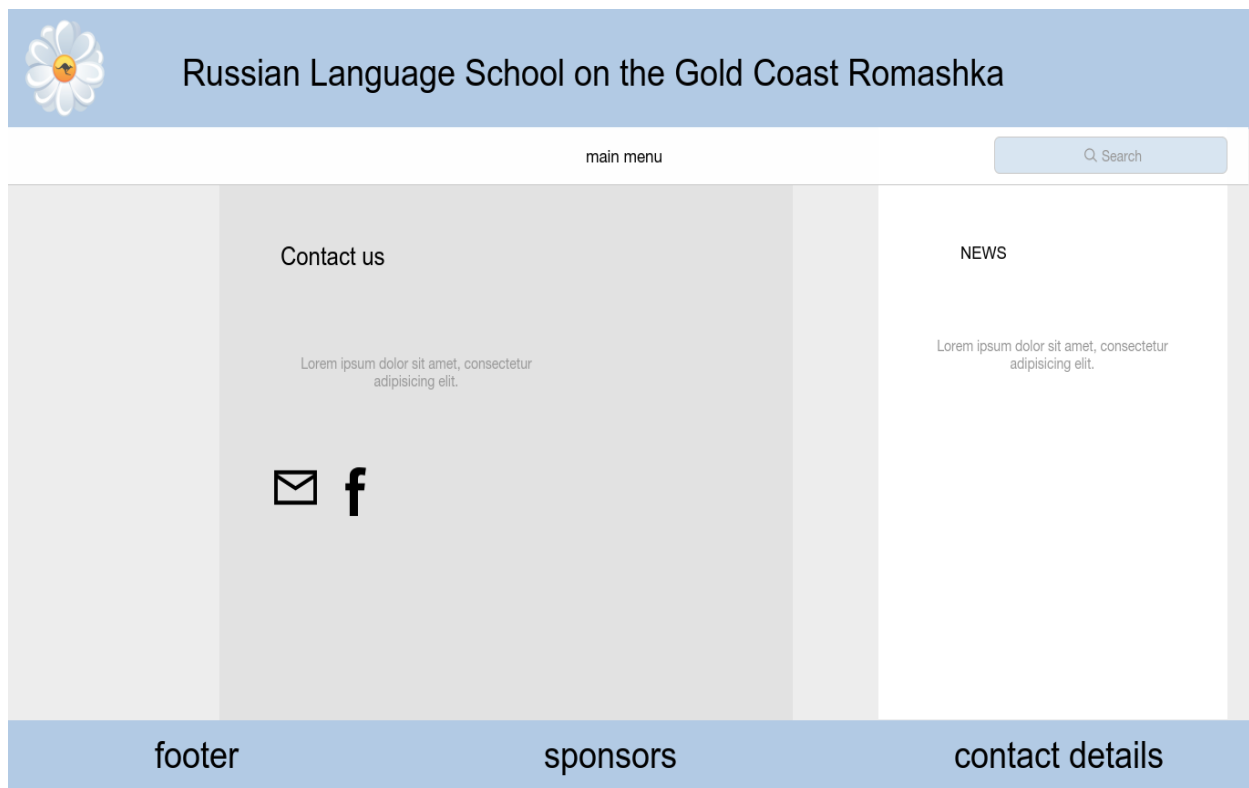
RLSR_004	About us screen	Page About us is available and readable	Manual
RLSR_005	Student dashboard screen	Verify that dashboard is working	Manual
RLSR_006	Logout function	Verify that user had been log out from the system	Manual
RLSR_007	Contact us screen	Verify that Contact us page is working, text is readable, map is correct.	Manual
RLSR_008	Enrolment page	Verify that Enrolment page is working	Manual, database testing
RLSR_009	Payment page	Verify that Payment page is working	Manual, database testing

Prototypes

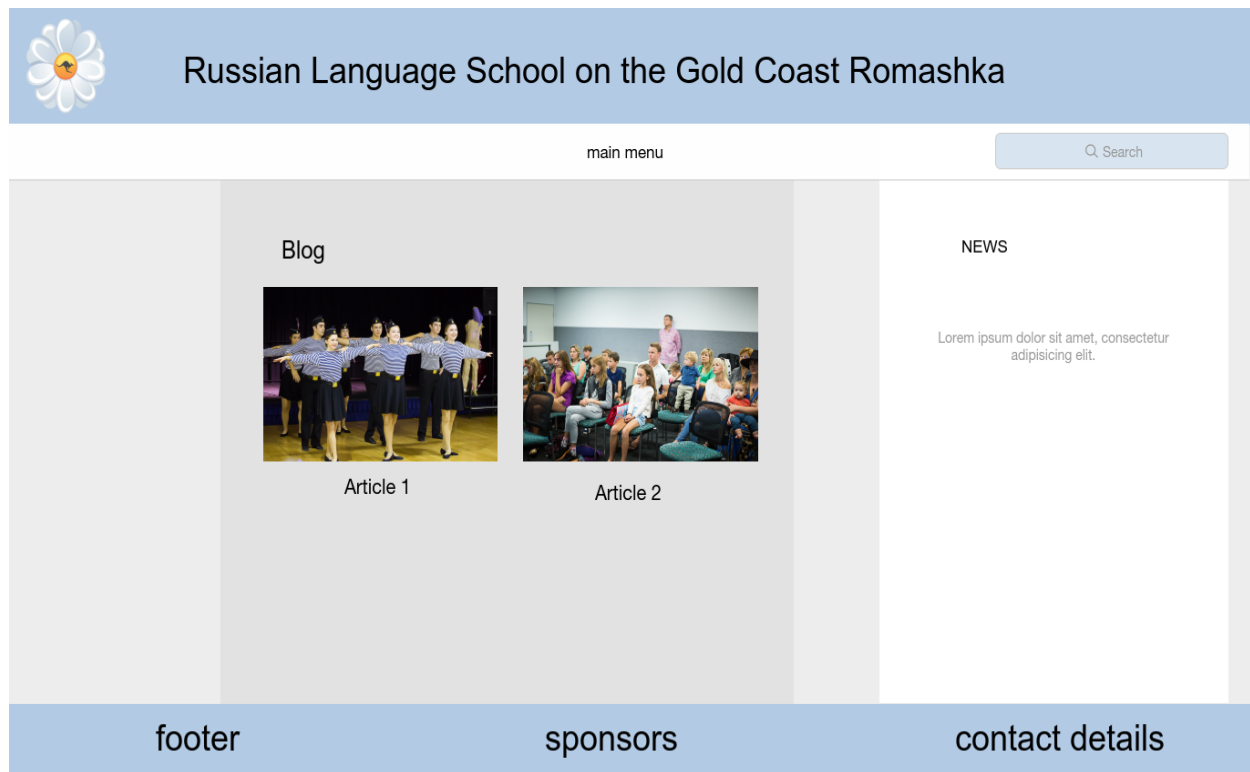
User story: About us



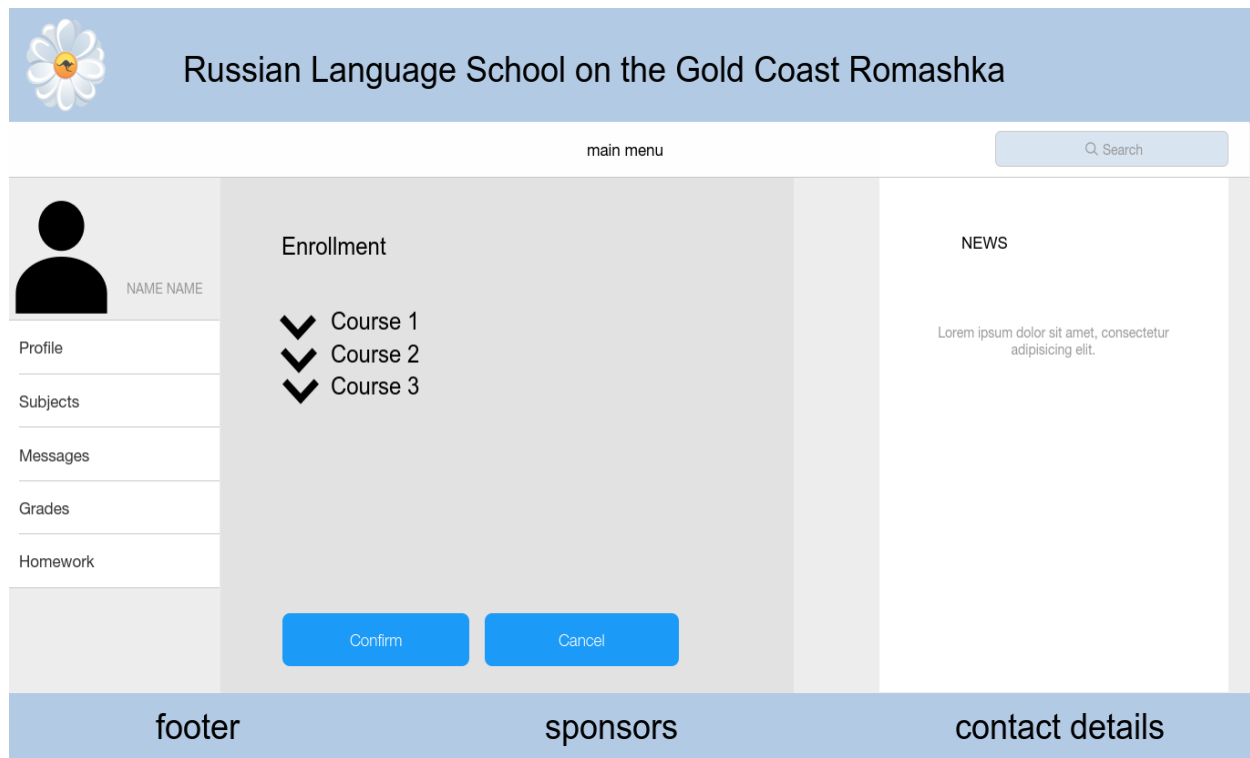
User story: Contact us



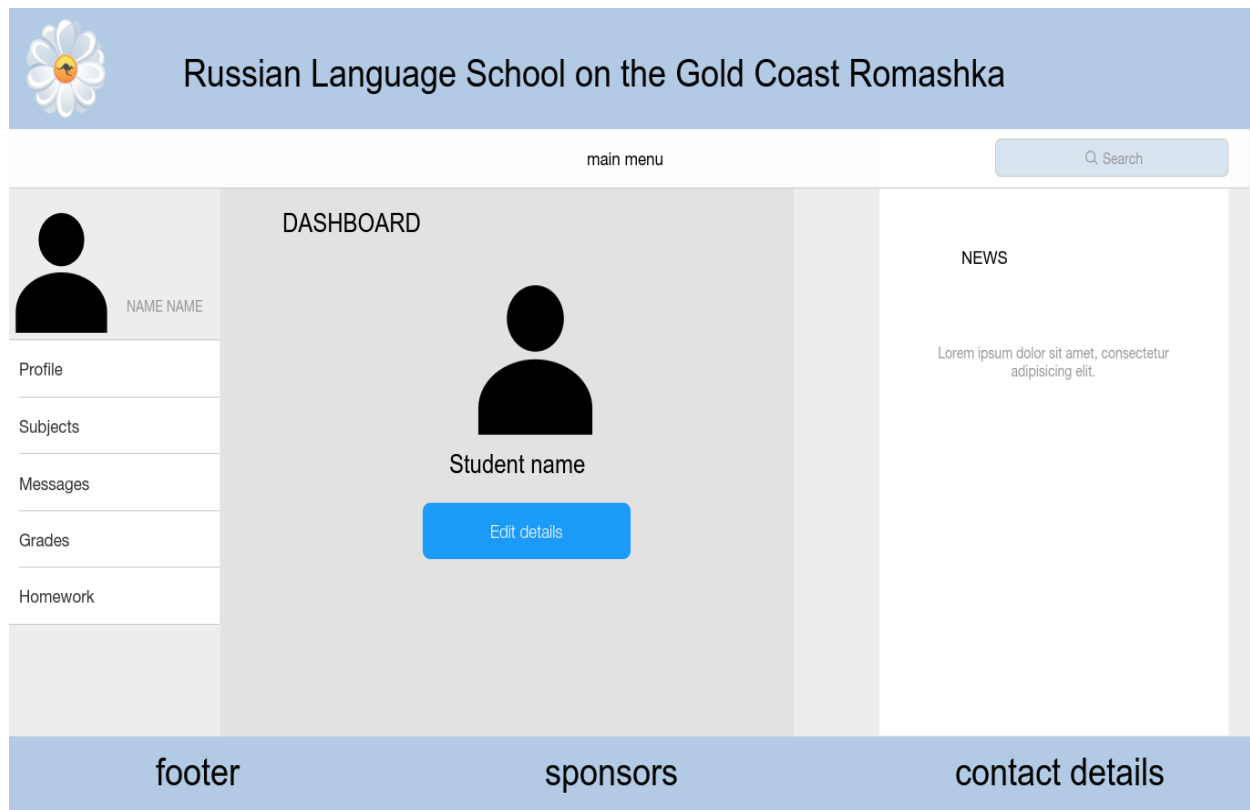
User story: Blog (guest)



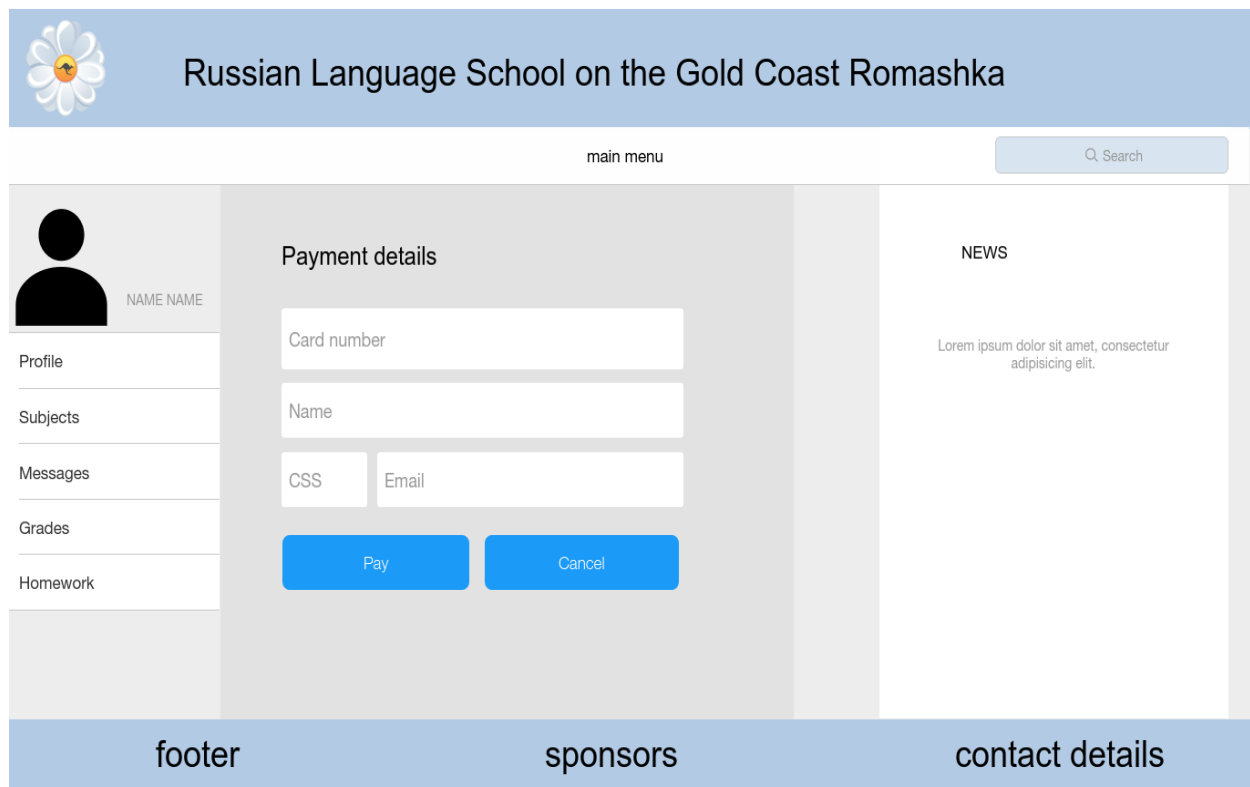
User story: Enrolment



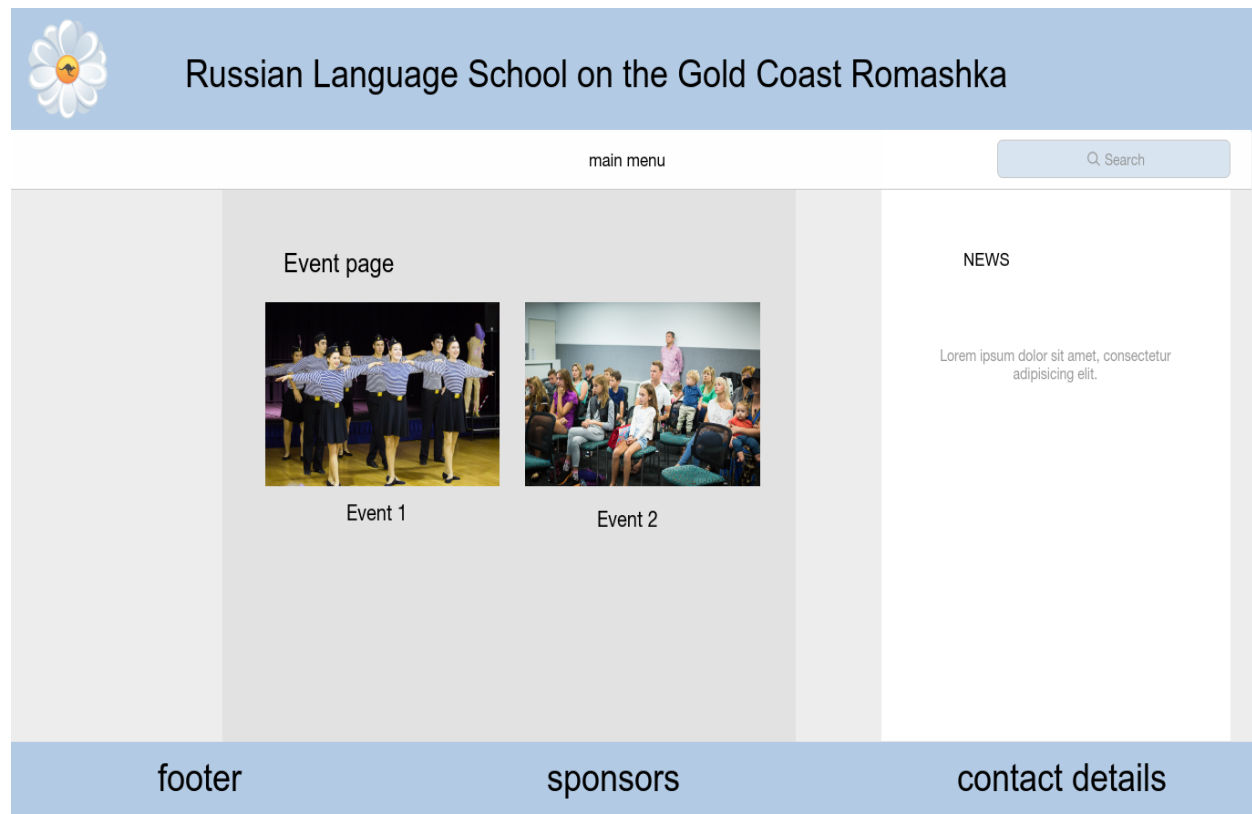
User story: Dashboard



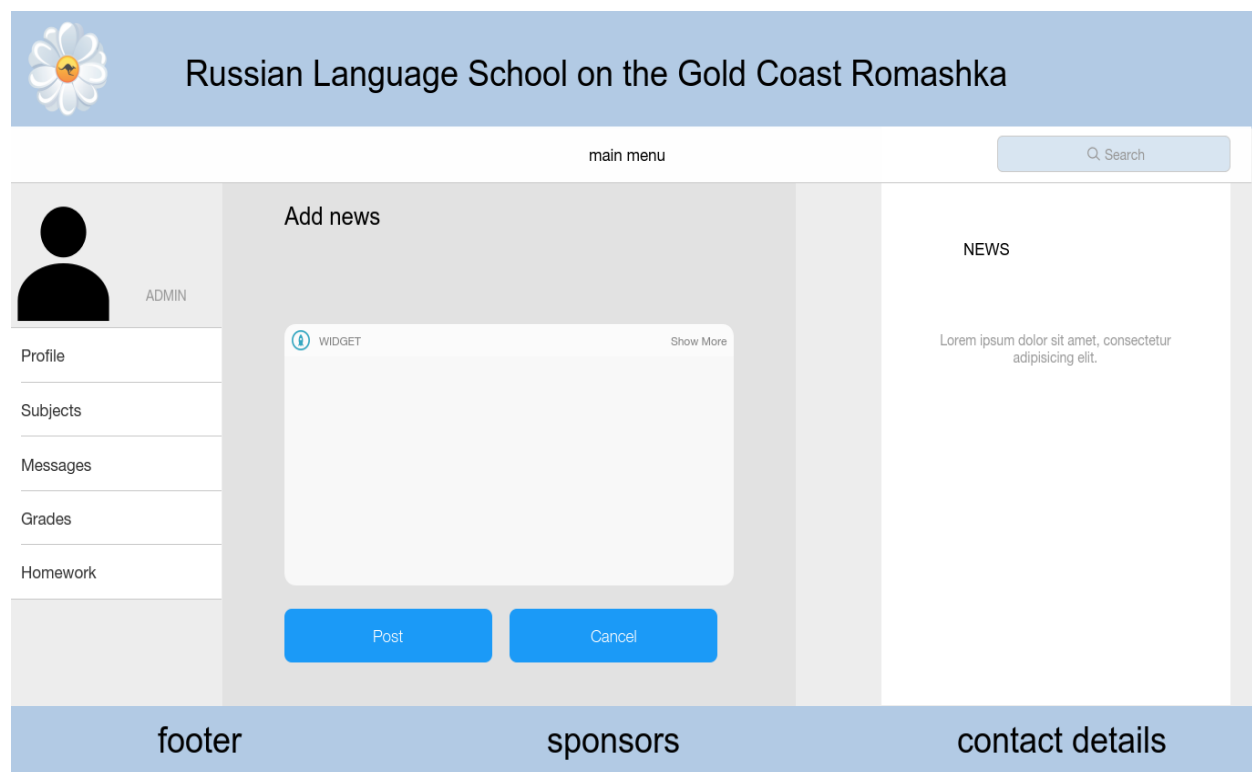
User story: Payment




User story: Event page



User story: Blog (add news)



User story: Registration



Russian Language School on the Gold Coast Romashka

main menu

Q Search

REGISTRATION

REGISTER

NEWS


Lorem ipsum dolor sit amet, consectetur adipiscing elit.

footer

sponsors

contact details

User story: Login page



Russian Language School on the Gold Coast Romashka

main menu

Q Search

LOGIN PAGE

Login

New user?

NEWS

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footer

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contact details