

# **Human-Computer Interaction - BIT 03**

Ms. Chathurangi Dhanushika Weerasinghe
GROUP ASSIGNMENT
REPORT

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## **❖** Introduction Project

This is a group project related to HCI subject. As mentioned in this team project, each of the six team members must select websites and then choose one of the six found. After that, three stakeholders are identified from that website and the problems of that website are pointed out through them and those problems are analyzed and reconstructed. Figma was used as a tool for that.

## **!** Introduction Department of Immigration and Emigration

The website of the Department of Immigration and Emigration was chosen for the project from among the individually selected websites. Briefly about the Department of Immigration and Emigration,

- First, Sri Lanka was a British colony, and entry and exit into Sri Lanka were controlled by ordinances. After being freed from it, the Immigration and Emigration Department came into force under the Government of Ceylon. The Comptroller and other officers appointed under the provisions of section 4 of the Act are empowered to exercise, perform or perform any powers, duties, or functions conferred, imposed, or delegated by or under the Immigration and Emigration Act. This new department was established in October 1949 and established at Colombo Fort. The process of issuing British passports to citizens of Sri Lanka was stopped with effect from 01.11.1949. The new Ceylon passport came into use then, and the holder must be a Ceylon citizen. At present, the Department of Immigration and Emigration provides citizenship, passport, visa services, and border management services.
- Department of Immigration and emigration logo



#### Vision

- To be the best immigration service in the region.

### Mission

- We regulate the entry and exit of persons and provide citizenship services while safeguarding the nation's security & social order, and promoting economic development.

## Stakeholders

Identification of three persons as stakeholders on the website of the Department of Immigration and Emigration, which was taken away for the project.

- People of Sri Lanka
- Dual citizens
- Foreign travel agencies

## Personas

Draw three people to represent those selected stakeholders.



## Stephanie Abewardane - Dual Citizen



Work hard to achieve your dreams

Work: Dual Citizen (Accountant) Family: Married Location: Galle, Sri Lanka Character: Nature Lover

Highly-motivated, deadline-committed, goal-driven accountant with over 4 years of experience. Proven track record of excellence. Some of my core skills include taxation, regulatory compliance, budgeting, and forecasting. Supervised internal and external audit. Adept at analytics and in-depth reporting service. An engaging team-player who also acts as a motivator

#### Personality



#### Preferred Channels



- Improving my personal characteristics
   Improve company profit
- . Ensure the accounting process meets the required requirements
- · Accomplishing specific milestones or objectives
- · Improving work quality

#### Frustrations

- Expense Management
- Endless queries
- Regulatory Changes & New Accounting
- Keeping Up with New Technology and

#### Motivation

inceriove	
Growth	
Power	
Social	

#### Brands & Influencers





## Naveen Wijesinghe - <mark>Sri Lankan Citizen</mark>



\*Debugging is twice as hard as writing the code in the first place. Therefore, if you write the code as cleverly as possible, you are, by definition, not smart enough to debug it. \*

Age: 27 Work Sri Lankan Citizen (Software Engineer) Family: Single Location: Colombo, Sri Lanka Character: Traveller

I'm a web developer with in-depth experience in UVUX design. In a nutshell, I create websites that help organizations address business challenges and meet their needs. I manage everything from website navigation and layout to a company's web hosting and security architecture. My expertise lies within front-end web apps, and the main languages in my tech stack are JavaScript, React, and of course HTML/CSS. I'm a lifelong learner (currently taking a course on building Al chatbots with Python!) and love to read, run, and travel around the world.

## Personality

Introvert	Extrover
Analytical	Creative
Loyal	Fickle
Passive	Active

Preferred Char	
Texting/SMS	
Social Media	
Telephone/Voice	
Mobile Apps	
Email :	

#### Goals

- Progressing toward a Senior Software Engineer role.
- Continue to build my technical knowledge.
- Improve my communication and collaboration skills.
- Improve my network outside of my team.
- Travel around the world

#### Frustrations

- . When you change one line of code and the whole thing goes down
- Explaining tech terms to non-tech
- · Reading other people's code

#### Motivation

Good Practices		
Growth		
Power	-	
Social		

#### Brands & Influencers



## Video link

The identified stakeholders should know the problems that may arise in using the website selected for the project. For that, a discussion was held through a video interview. All three stakeholders participated in it. You can watch its video through the link below.

0

https://drive.google.com/drive/folders/1kbykYpVdc3ec0myndN-bjc8B5qnzkUxW

## **\*** Usability Issues

Through the conducted video interview, it was easy to find twenty problems that could be overcome in using the website. Those problems are listed below.

- 1. Home (Font, colors, Navigation Bar)
- 2. Contact us Enquiries and Comments
- 3. Contact us Procurement
- 4. Sitemap
- 5. Contact us Location
- 6. Contact us Border Management
- 7. About us
- 8. Services citizenship general information
- 9. Services citizenship Special Provisions for Sri Lankan citizenship to a person's other origins
- 10. Services citizenship dual citizenship
- **11.** Services citizenship Overseas birth registration
- 12. Services Visa Services general information/residence visa/transit visa
- 13. Services Visa Services visit visa
- 14. Services Visa Services My dream home
- 15. Services passport general information
- 16. Services passport issue of passport
- 17. Services passport amendments
- 18. FAQs Adding questions
- 19. Links Adding Link tab
- 20. News Adding a news tab

### Sketch

After selecting these problems, they are sketched and prototyped as to how they should be recreated. You can watch its video through the link below.



https://drive.google.com/drive/folders/1q7YCuW9b\_WMSQfASEg1K3PArjkR7ot9W

## \* Redesigns

After selecting these problems, they are sketched and prototyped as to how they should be recreated. Redesigned solutions to potential problems using the website identified by stakeholders. Figma (Vector-based tool) was used for that. All of them are listed below.

Student ID: 21s15092

Student Name: P.H.N. Yashodhara

Tool: Figma

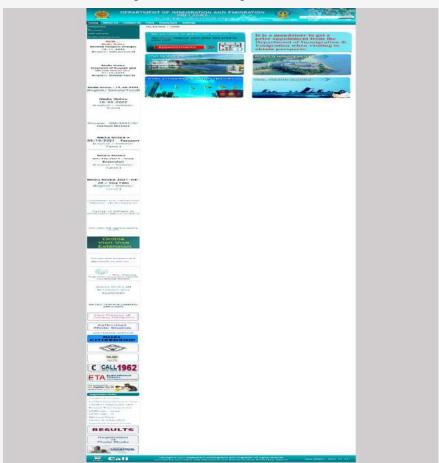
Issues:

• Home (Font, colors, Navigation Bar)

• Contact us - Enquiries and Comments

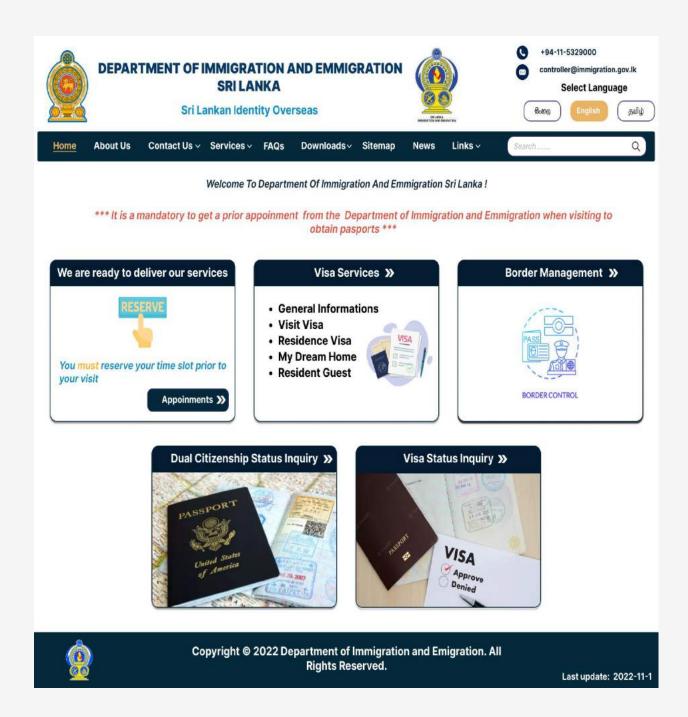
• Contact us – Procurement

1. Home (Font, colors, Navigation Bar) – original website screenshot:

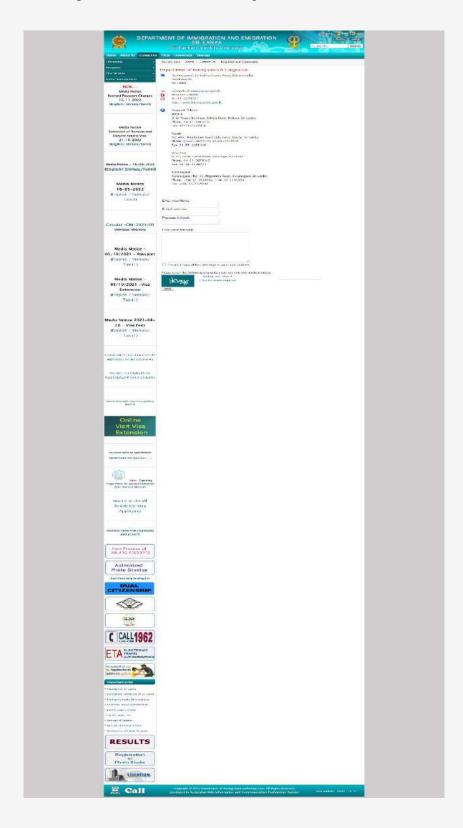


Home (Font, colors, Navigation Bar) – redesign:

Figma Link: <a href="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.figma.com/file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/m6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/w6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/w6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="https://www.file/w6LA8l213ssjD1aUujmUWG/HOME?nodeid=0%3A1&t="



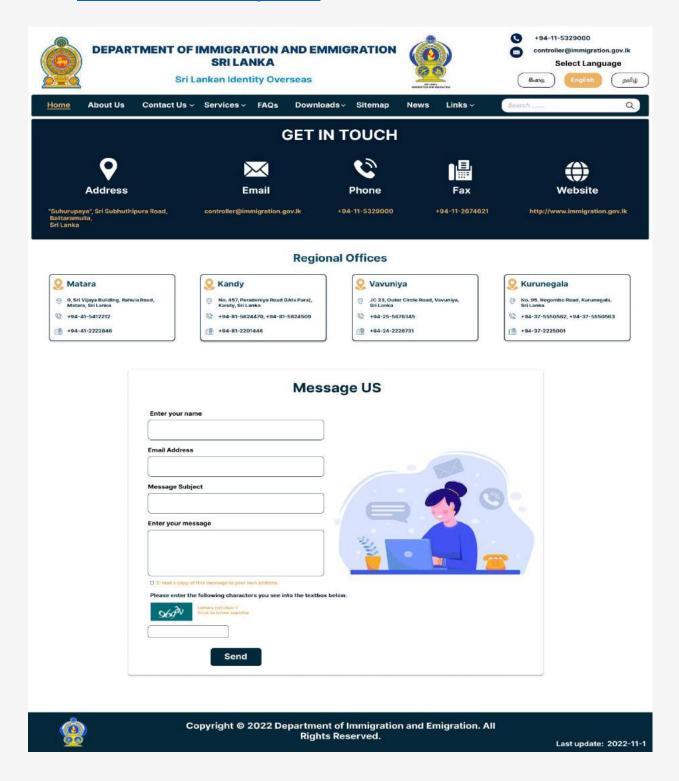
## 2. Contact us - Enquiries and Comments – original website screenshot:

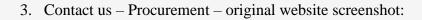


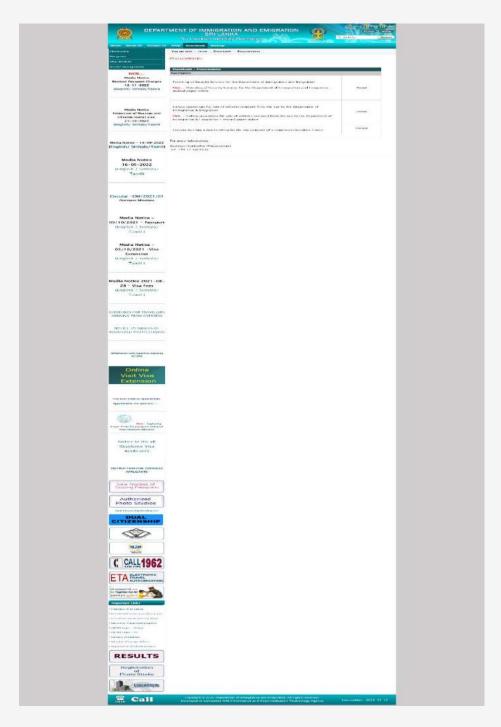
## Contact us - Enquiries and Comments - redesign:

Figma Link:

 $\frac{https://www.figma.com/file/kXNx5yE39AXqOf1TTHunqW/COMMENT?node-id=0\%3A1\&t=rJ4sNkwPZZjhNsZ0-1$ 



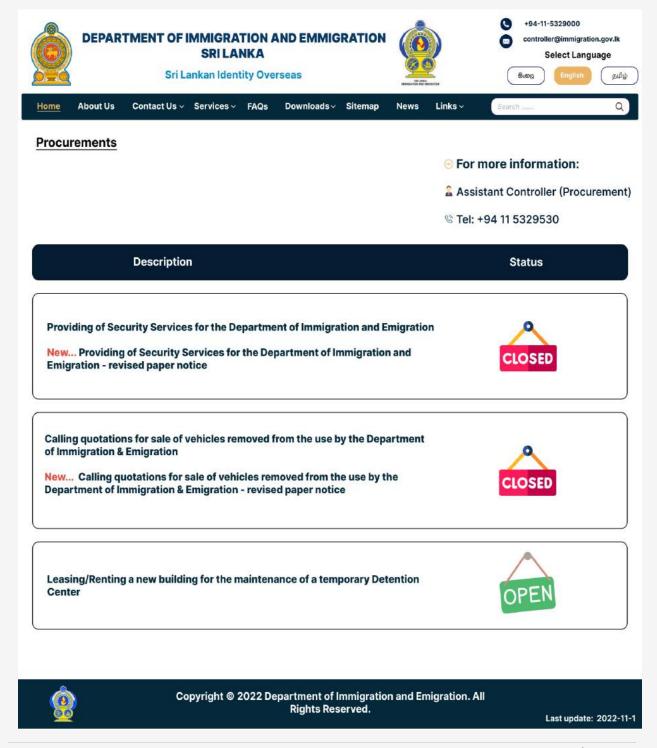




## Contact us – Procurement – redesign

Figma Link:

 $\underline{https://www.figma.com/file/HMZUqopuxDmKS6K4AVtK5o/PROCUMENT?node-id=0\%3A1\&t=MzIoTICw2TPXYNaM-1$ 



Student ID: 21s03135

Student Name: A.L. Chawani Lakrandi

Tool: Figma

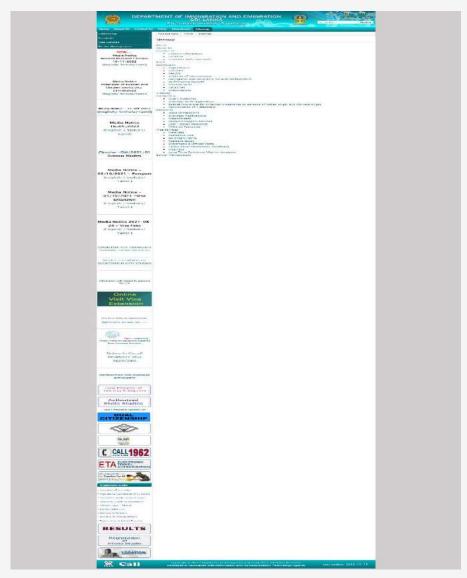
Issues:

• Sitemap

• Contact us – Location

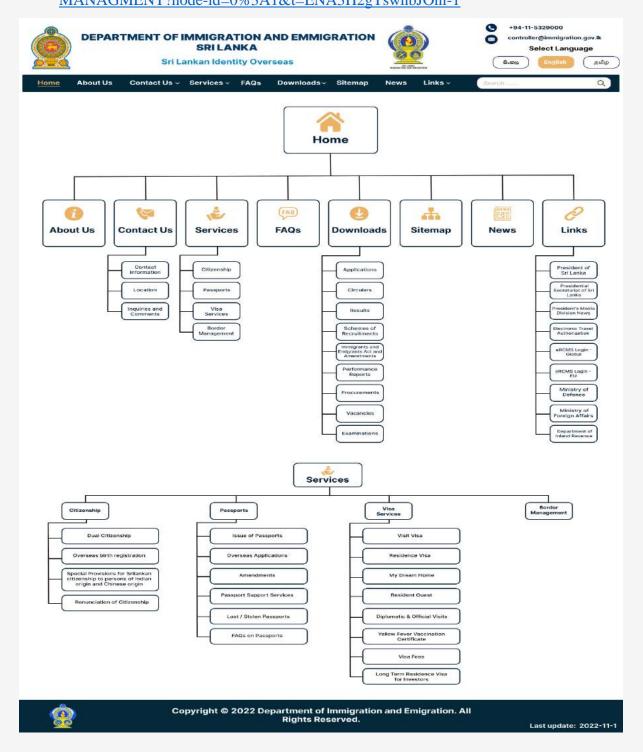
• Contact us – Border Management

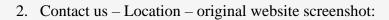
## 1. Sitemap – Original website screenshot

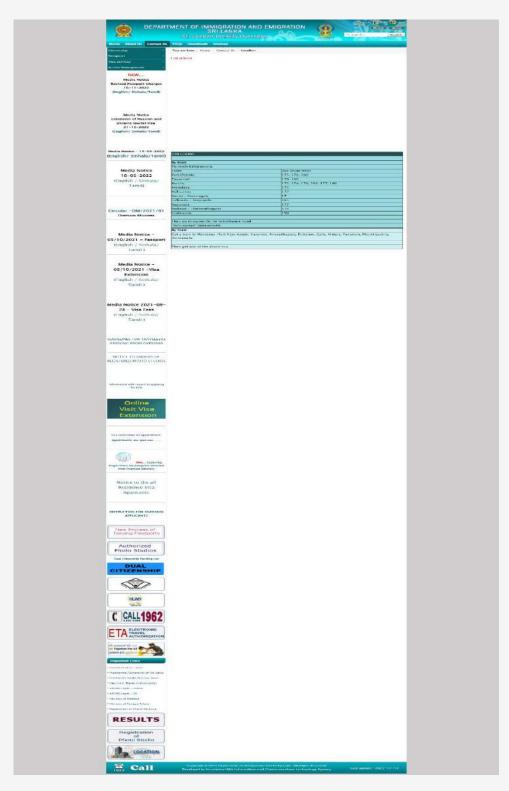


## Sitemap – redesign

 Figma Link: https://www.figma.com/file/exOP3DbKcmEAlbs1xLcKBh/BORDER-MANAGMENT?node-id=0%3A1&t=ENA3H2gTswnbJOnl-1







## Contact us – Location – redesign

 Figma Link: https://www.figma.com/file/RkvUAQdNAdWUZsjri6JuyD/LOCATION?node-

id=0%3A1&t=NDT2ISDnnFvRVZnq-1



	By Road	
Bus Route No(s)	From	То
<u>170, 171, 190</u>	Fort (Pettah)	Battaramulla
<u>170, 190</u>	Town Hall	Battaramulla
<u>171,</u> 174, <u>170, 190, 177, 186</u>	Borella	Battaramulla
<u>171</u>	Maradana	Battaramulla
<u>177</u>	Kollupitiya	Battaramulla
<u>17</u>	Kandy / Kurunegala	Battaramulla
<u>163</u>	Dehiwala / Nugegoda	Battaramulla
177	Kaduwela	Battaramulla
174	Kottawa / Thalawathugoda	Battaramulla
190	Godagama	Battaramulla

\*\*\* Then go along on the Sri Subuthipura Road , "Suhurupaya" Battaramulla. \*\*\*

• You can click here on the relevant bus route number and go to the google map of that bus route.

## By Train

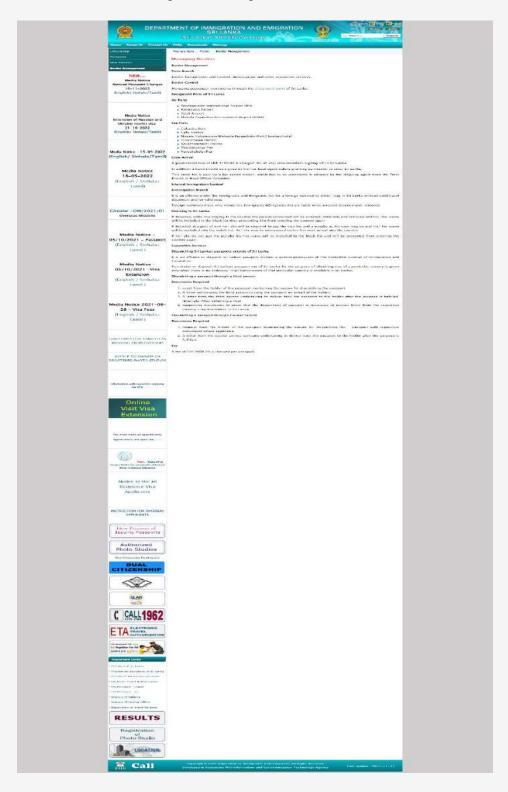
- Get a train to Maradana /Fort from Kandy, Vavuniya, Anuradhapura, Puttalam, Galle, Matara, Panadura, Mount Lavinia, Avissawella
- · Then get one of the above bus.



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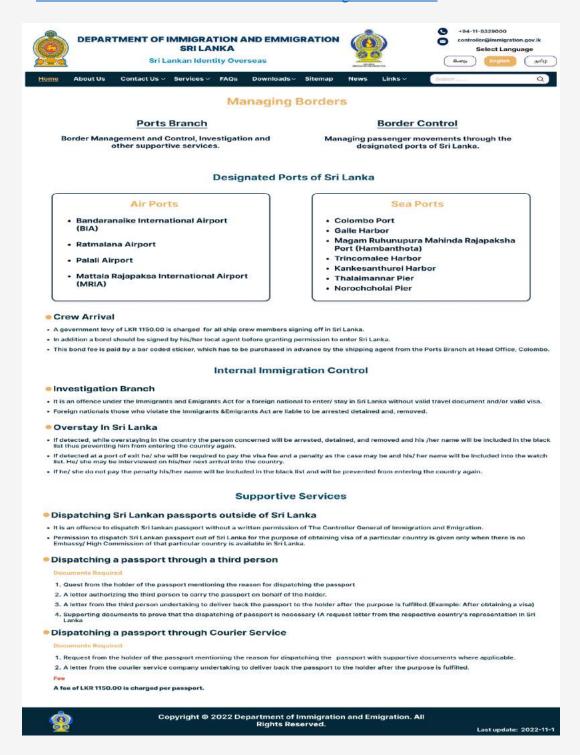
## 3. Contact us – Border Management – original website screenshot:



## Contact us – Border Management – redesign:

## Figma Link:

https://www.figma.com/file/exOP3DbKcmEAlbs1xLcKBh/BORDER-MANAGMENT?node-id=0%3A1&t=ENA3H2gTswnbJOnl-1



Student ID: 21s15084

Student Name: Nethmi Anjaleena

Tool: Figma

### Issues:

About us

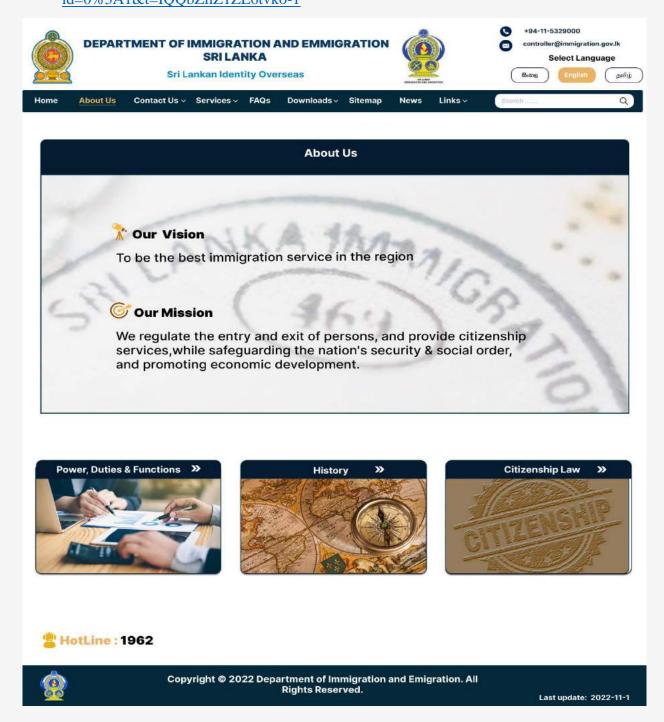
- Services citizenship general information
- Services citizenship Special Provisions for Sri Lankan citizenship to a person's other origins
- Services citizenship dual citizenship
- Services citizenship Overseas birth registration

## 1. About us – original website screenshot:



## About us – redesign

■ Figma Link: <a href="https://www.figma.com/file/LtxbnqPhMEE9H6kLi7972X/about-us?node-id=0%3A1&t=IQQbZllZ1ZE6tvko-1">https://www.figma.com/file/LtxbnqPhMEE9H6kLi7972X/about-us?node-id=0%3A1&t=IQQbZllZ1ZE6tvko-1</a>





About Us

#### **DEPARTMENT OF IMMIGRATION AND EMMIGRATION** SRILANKA





துக்கு

Sri Lankan Identity Overseas

Contact Us - Services - FAQs Downloads - Sitemap

Links ~

#### Powers, Duties and Functions Of The Immigration and Emigration Department

As mentioned in the preamble of Immigrants and Emigrants act no 20 of 1948 it has been enacted to make provision;

- · For controlling the entry into Sri Lanka of persons other than citizens of Sri Lanka...

Read More

\*Immigrants and Emigrants Act came into operation with effect from 01-11-1949. Immigration and Emigration department is established to implement the provisions of the Act.

#### Power

· PowersThe controller and other officers appointed under the provisions of the section 4 of the act are empowered to exercise, perform, or discharge of the powers, duties, or functions, conferred, imposed, or assigned by or under the immigrants and emigrants act. Powers conferred by section 2 or section 31 or section 52 should be exercised by the minister him self. (See sections 4, 5, 6, & 7 of the act. / See part II of the Immigrants and Emigrants Act for the



#### **Duties**

- Granting required entry endorsements in travel documents of persons other than citizens of Sri Lanka at approved entry points. (See sections 11 & 13 of the act.)
- Keeping and maintaining a register of persons who are non citizens of Sri Lanka at entry points. (See section 26)
- Stamping the travel documents of persons leaving Sri Lanka at departure points and maintaining records there in. (See regulation 56)
- Identification of persons entering and leaving Sri Lanka at approved ports. (See



#### **Functions**

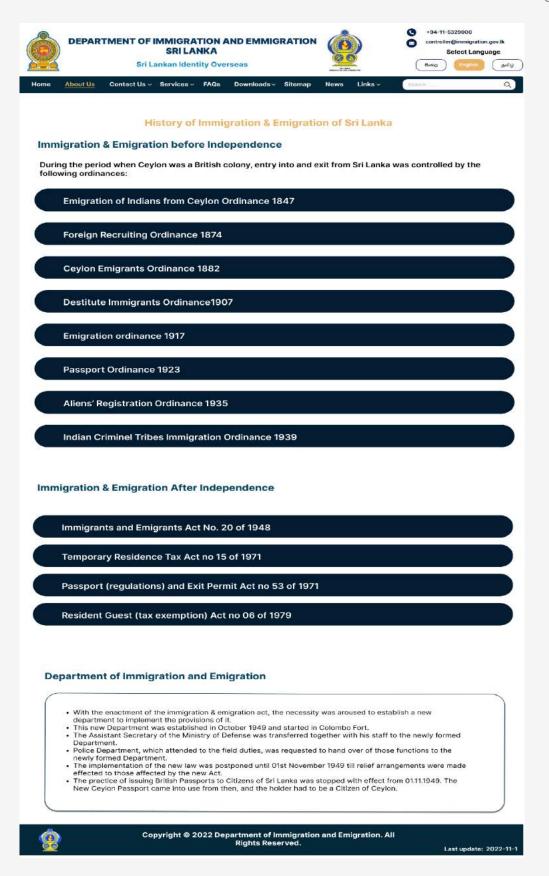
- . Exercising the powers vested by or under the Immigration & Emigration Act,
- Performing the duties assigned by or under the Immigration & Emigration Act.
- . Issuing visa to persons other than citizens of Sri Lanka to enter and stay in Sri Lanka, and border controlling. (See part III of the act )
- . Issuing travel documents to the citizens of Sri Lanka. (See part VII of the act.)
- · Maintaining detention places approved by the minister. (See section 48)
- · Conducting investigations on violations of provisions made by or under the act.
- Keeping and maintaining the information and records connected to the functions mentioned above.





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#### DEPARTMENT OF IMMIGRATION AND EMMIGRATION SRILANKA Sri Lankan Identity Overseas







Contact Us ~

Services - FAQs

Citizenship Law

#### Before Independence

Before independence, every person born within the dominions and allegiance of the British Crown (and no other) was a British subject. Like wise native Ceylonese too was considered as British subjects.

In some laws, enacted in pre independence era, they were being mentioned as native inhabitants, or otherwise natives of Ceylon. Meanwhile the Indians were mentioned as natives of India or otherwise natives of British India in the same laws.

#### Naturalization ordinance no 21 of 1890

- There was no citizenship law in force at that time. But only the naturalization ordinance no 21 of 1890 was in force regards to the provisions for the naturalization of aliens.
- Under this law any alien who was actually residing in Ceylon could apply to the governor for rights and privileges
  as a British subject.
- . This law was repealed by the citizenship act no 18 of 1948.

#### After Independence

#### Citizenship act no 18 of 1948

- Citizenship act was enacted to make provision for citizenship of Ceylon and for matters connected therewith and came into operation with effect from 15 November 1948 (appointed date).
- By this law established a status known as 'the status of a citizen of Ceylon' which status a person owns in one of
  two ways only viz. by right of descent as provided by the act or by virtue of registration as provided by the act or
  by any other act authorizing the grant of such status by registration.
- Provisions were made by this law on, citizenship by descent, citizenship by registration, and loss of citizenship, initially. Later it was amended at several occasions, by Amendment Acts, no 40 of 1950, no 13 of 1955, no 45 of 1987, no 15 of 1993, no 43 of 1993, and no 16 of 2003, respectively.
- Significant changes made by these amendments were as follows.
  - Provisions were made on resumption of citizenship and restriction on dual citizenship by the Act no 40 of 1950.
  - · With the Amendment of Act no 45 of 1987, grant of Dual Citizenship provisions was
  - Registration as citizens, of persons registered in a resident guest scheme, under part III
    of immigrants and emigrants act, was provided by the Act no 43 of 1993.
  - Earlier the right of citizenship by descent was limited only to the paternal descent. With
    the enactment of the Amendment Act no 16 of 2003 it was extended even to the
    maternal descent with effect from the appointed date (1948-11-15) of the citizenship
    act.

#### Citizenship Division

Citizenship division of the Ministry of Defense under the Citizenship Act No.18 of 1948 was transferred later on to the Immigration Department. Accordingly activities of the Department expanded.

Indian and Pakistani Residents Citizenship Act no 3 of 1949.

Indo Ceylon Agreement (implementation) Act No 14 of 1967.

Grant of Citizenship to Stateless Persons (special provisions) Act no 39 of 1988

Grant of Citizenship to Persons of Indian Origin Act no 35 of 2003

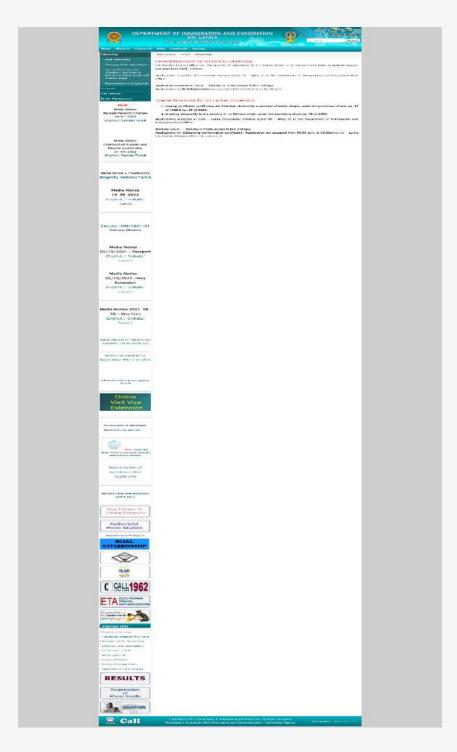
Comparison of act no 39 of 1988 & act no 35 of 2003 with previous citizenship enactments

Grant of Citizenship to Chinese Origin Persons act no 38 of 2008



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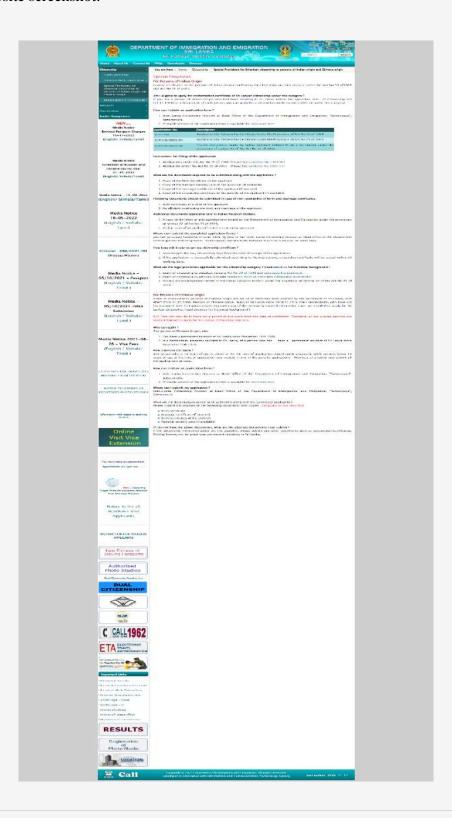
Services – citizenship – general information – redesign:

• Figma Link:

https://www.figma.com/file/4WjFw1011LXyBhndNt0UKz/citi--general? Node-id=0%3A1&t=1Zvevz0P0jakNvpB-1



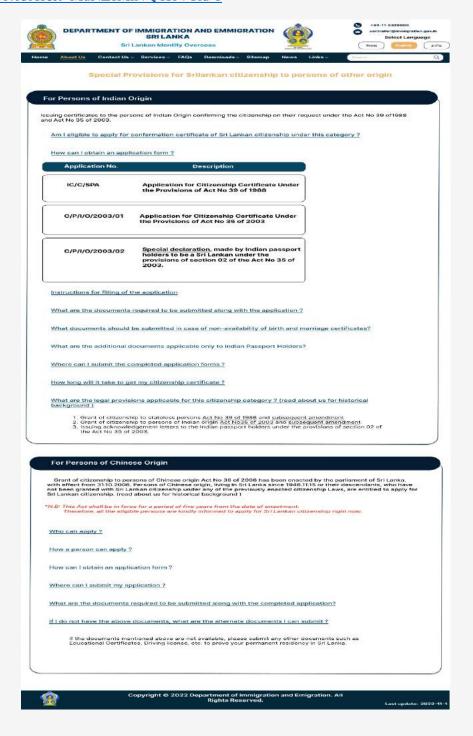
3. Services — citizenship - Special Provisions for Sri Lankan citizenship to person's other origins: original website screenshot:

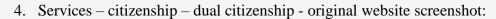


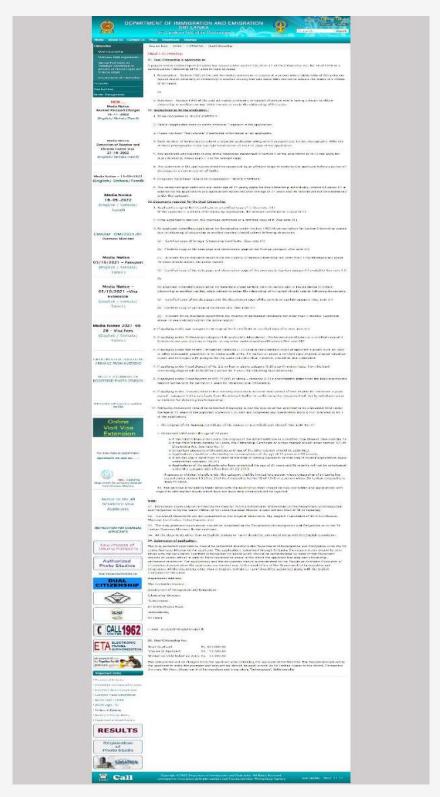
Services – citizenship - Special Provisions for Sri Lankan citizenship to person's other – redesign:

• Figma Link:

 $\underline{https://www.figma.com/file/uOqcKpmYzS6a48dB0Tci1F/Special-Provisions?node-id=0\%3A1\&t=MuNZ6MkVQ1I0VTld-1$ 



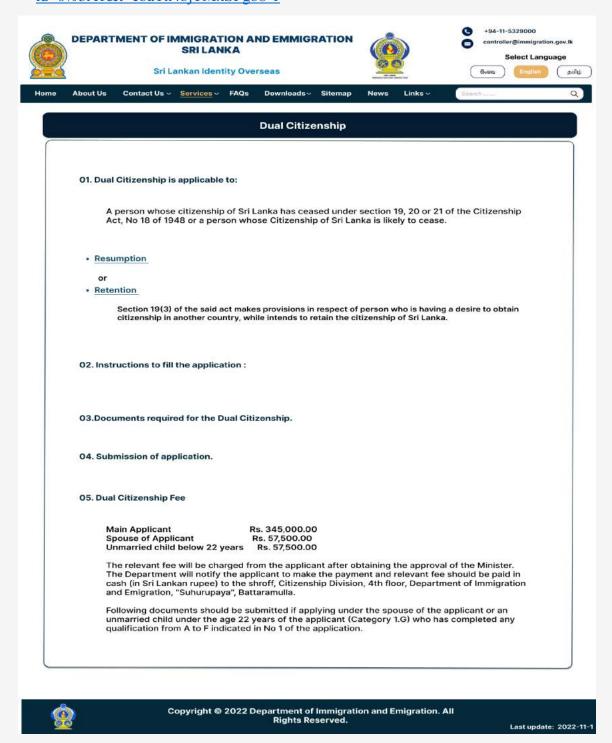


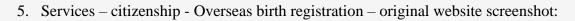


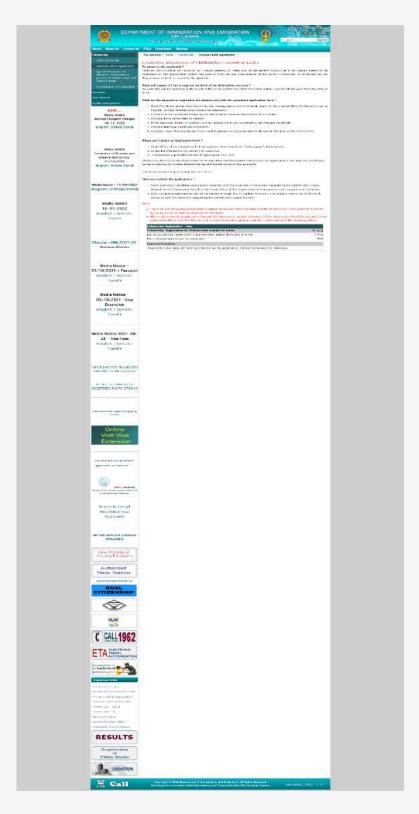
## Services – citizenship – dual citizenship – redesign:

Figma Link:

https://www.figma.com/file/BrnjnKQHNaxCSZ6010HwpV/dual-citizen?node-id=0%3A1&t=cbaTn4bjTMxSPgb8-1







Services – citizenship - Overseas birth registration – redesign:

## Figma Link:

https://www.figma.com/file/oExFK0yoyQ9C8G11sbguBY/birth-of-registration?node-id=0%3A1&t=2QQicNjRfpg6XcWv-1



X Student ID: 21s20012

Student Name: Dharani Hesara

Tool: Figma

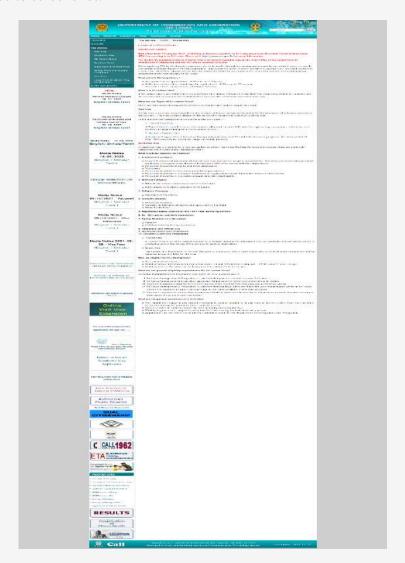
## Issues:

• Services - Visa Services - general information/residence visa/transit visa

• Services - Visa Services - visit visa

• Services - Visa Services - My dream home

1. Services - Visa Services - general information/residence visa/transit visa - original website screenshot:

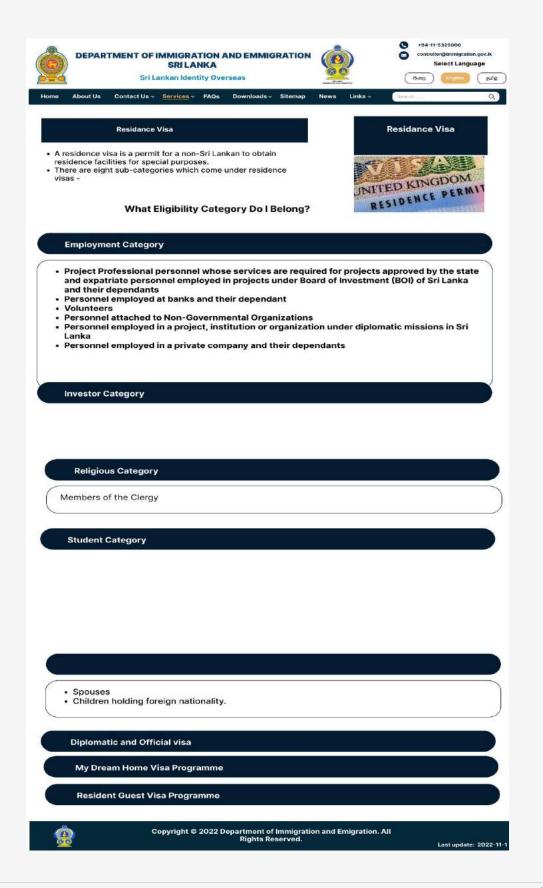


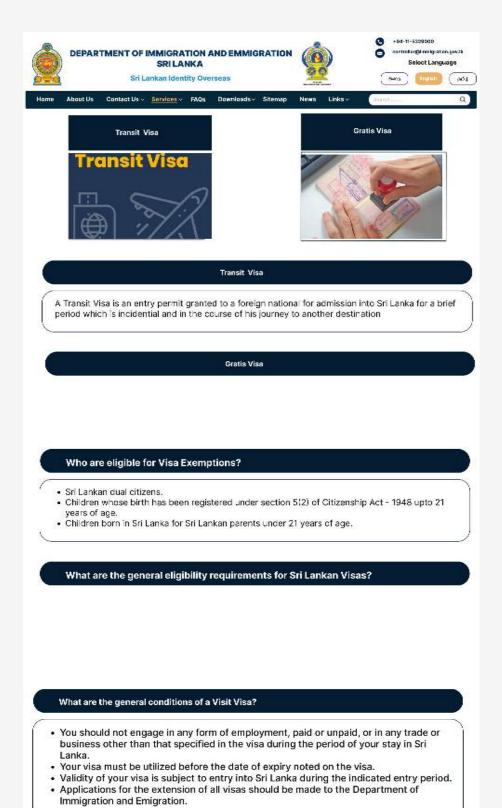
Services - Visa Services - general information/residence visa/transit visa - redesign:

• Figma Link:

https://www.figma.com/file/NCRiEoTWyrHh9USbOckiGi/general-infor%2Fresidence%2Ftransit?node-id=0%3A1&t=lqXzgnOAAGtxARc9-1

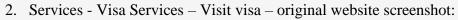


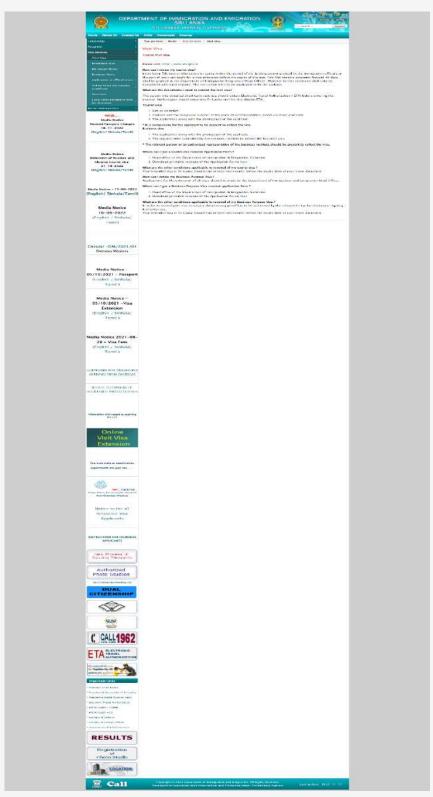




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Last update: 2022-11-1

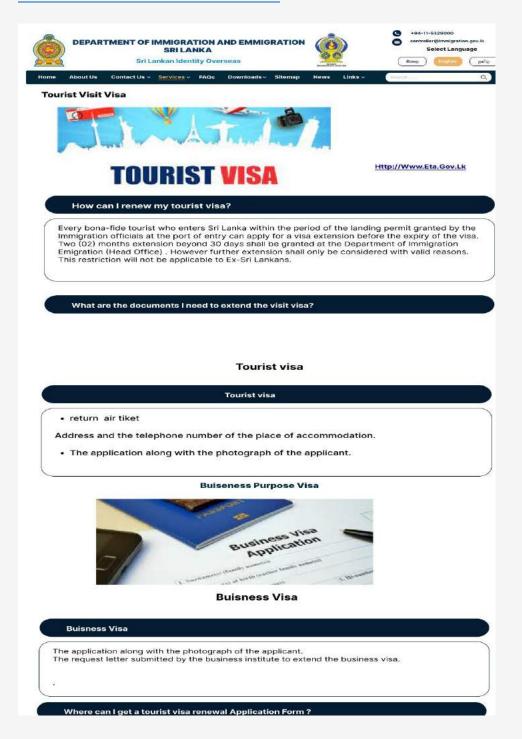




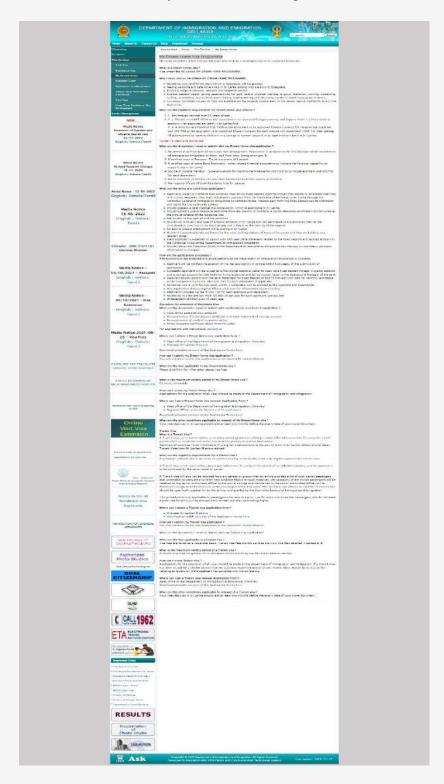
#### Services - Visa Services - Visit visa - redesign:

• Figma Link:

https://www.figma.com/file/306nut9glSVbuwa7i9QK0z/visit-visa?node-id=0%3A1&t=4eMYJBYlwhuXZZ4H-1



3. Services - Visa Services - My dream home - original website screenshot:



#### Services - Visa Services - My dream home - redesign:

#### Figma Link:

https://www.figma.com/file/VljIZQhFsfjLGhOyIKFpKW/My-dream-home?node-id=0%3A1&t=ZPRxVZs3P58H4GDN-1



# Student ID: 21s15068

Student Name: Nadeeshani de silva

Tool: Figma

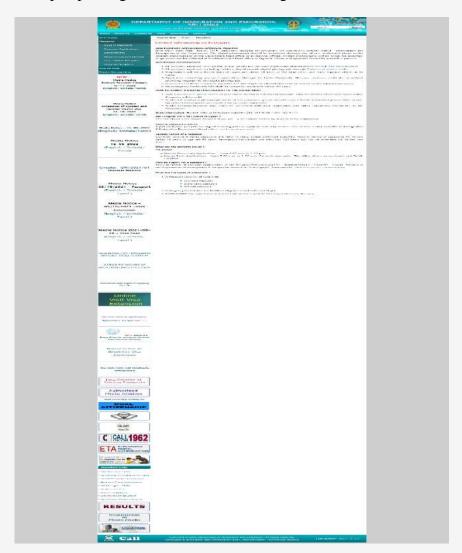
#### Issues:

• Services – passport – general information

• Services – passport – issue of passport

• Services – passport - amendments

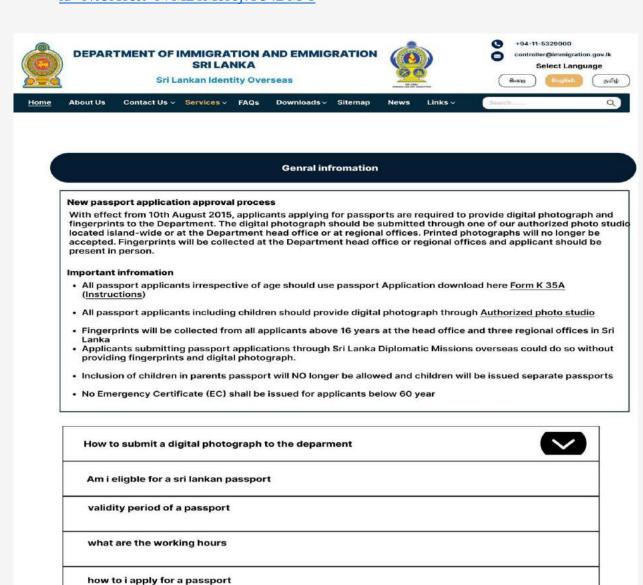
1. Services – passport – general information – original website screenshot:



Services – passport – general information – redesign:

• Figma Link:

 $\underline{https://www.figma.com/file/6asSDfokRK28xbYaRRSRik/passport-general-infor?node-id=0\%3A1\&t=rVMBsMbr6j7P34DM-1$ 

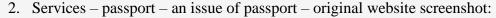


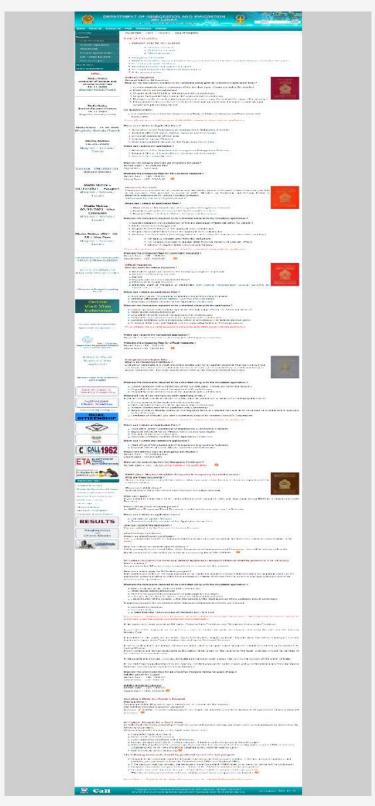


what are the type of passport

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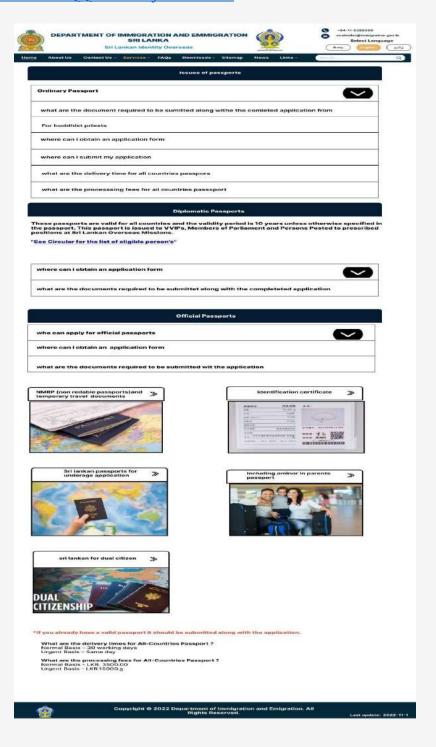




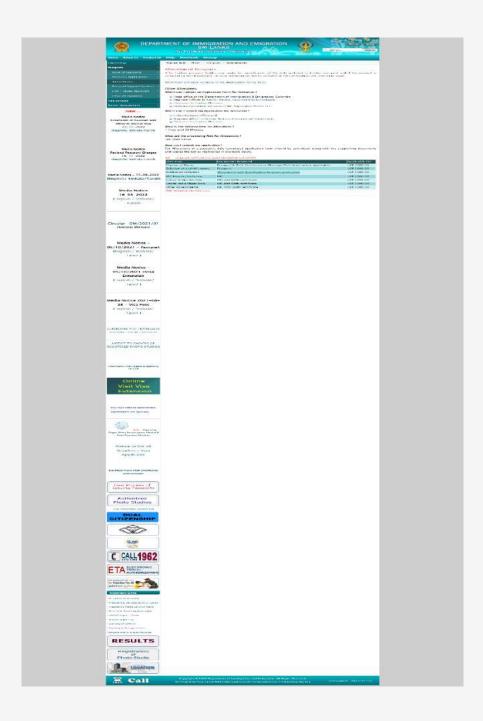
Services – passport – issue of passport – redesign:

• Figma Link:

 $\underline{https://www.figma.com/file/IEoPcDYa9a6QW78I63BZoE/issue-of-passport?node-id=0\%3A1\&t=QQMtxYPI4jmGkNdV-1}\\$ 



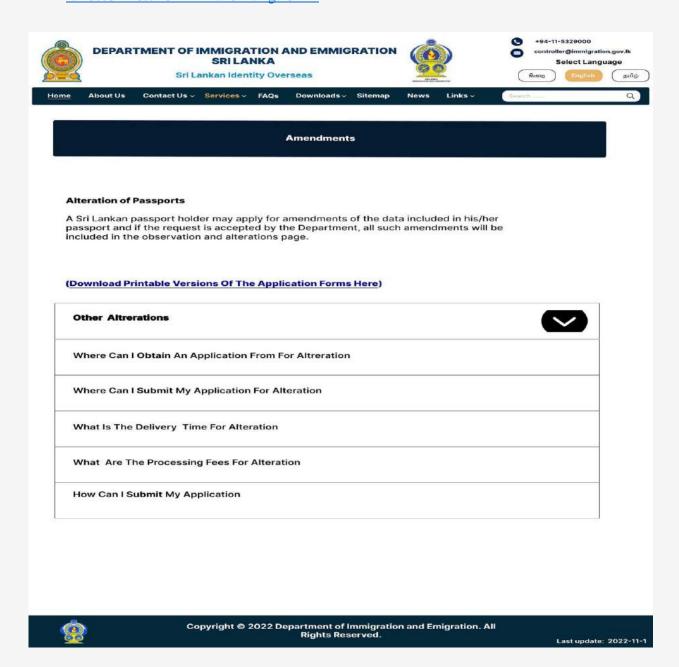
3. Services – passport – amendments – original website screenshot:



#### Services – passport – amendments – redesign:

• Figma Link:

 $\underline{https://www.figma.com/file/qpTJkkLdcPEGVlZ8v3FbIH/amendments?node-id=0\%3A1\&t=OD4BAaP9DsRgtI6A-1}$ 



# Student ID: 21s15063

Student Name: Hirushani Harshamali

Tool: Figma

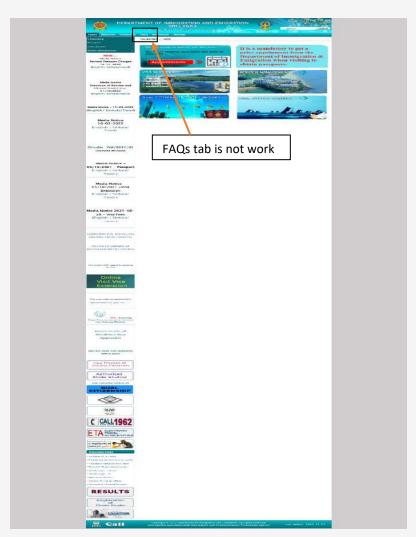
#### Issues:

• FAQs - Adding questions

• Links – Adding Link tab

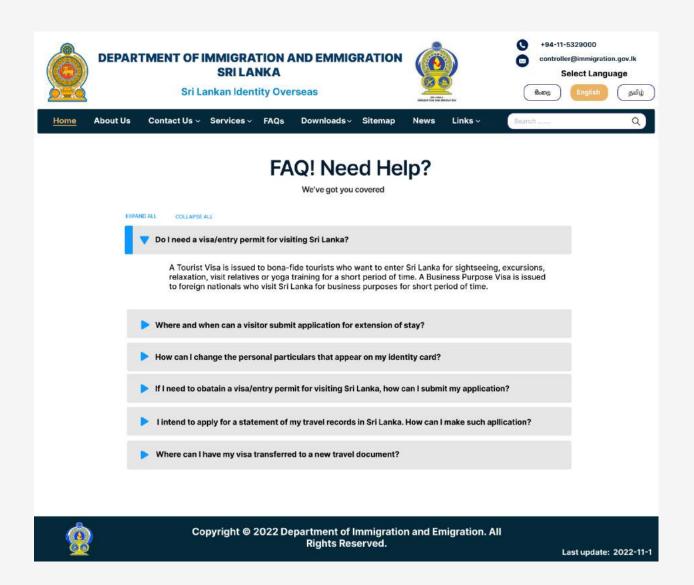
• News – Adding a news tab

## 1. FAQs - Adding questions – original website screenshot:

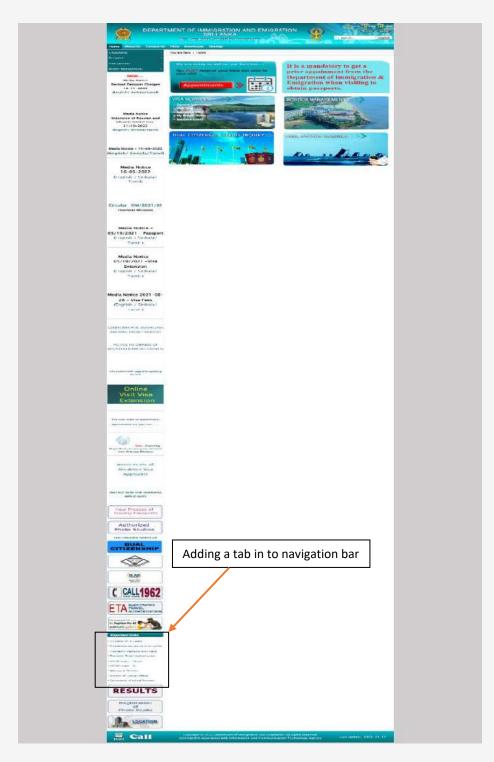


#### FAQs - Adding questions – redesign:

Figma Link: https://www.figma.com/file/JfFAjpt1AuQa8N41vhZntf/faqs?nodeid=0%3A1&t=bdXpo6cnp08aymdl-1

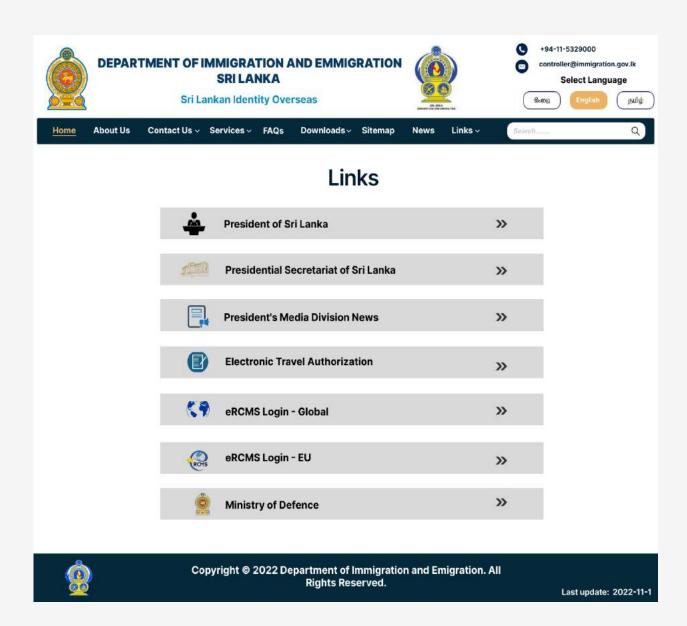


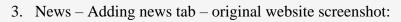
# $2. \quad Links-Adding\ Link\ tab-original\ website\ screenshot:$

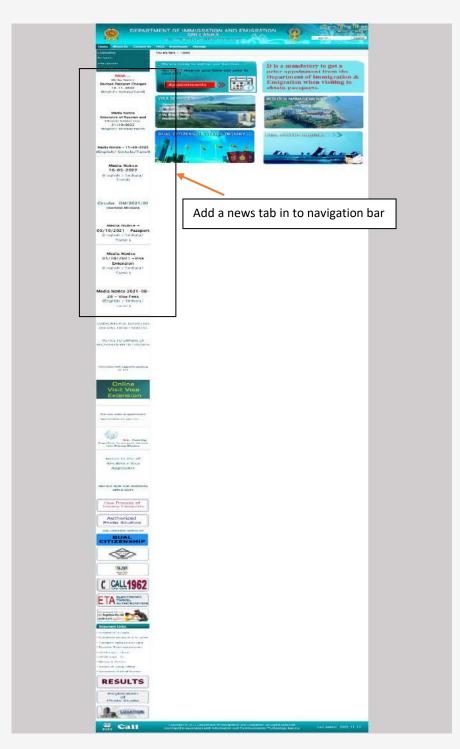


#### Links – Adding Link tab – redesign:

■ Figma Links: <a href="https://www.figma.com/file/AdwOMQtEEIS9TF8KIK8YiA/links?node-id=0%3A1&t=pyIWJrqJhNIZJLU6-1">https://www.figma.com/file/AdwOMQtEEIS9TF8KIK8YiA/links?node-id=0%3A1&t=pyIWJrqJhNIZJLU6-1</a>

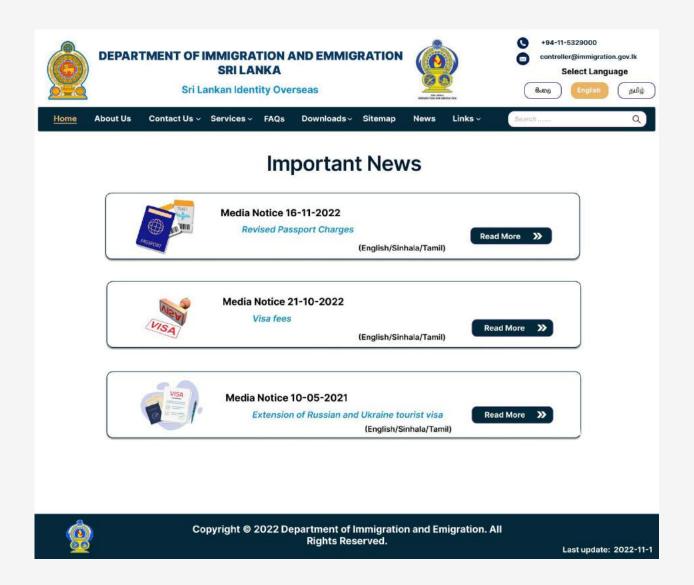






#### News – Adding news tab – redesign:

■ Figma Link: <a href="https://www.figma.com/file/19PftiQPXCSS1wgthSAODr/News?node-id=0%3A1&t=bjZjm4DjDAJY81vq-1">https://www.figma.com/file/19PftiQPXCSS1wgthSAODr/News?node-id=0%3A1&t=bjZjm4DjDAJY81vq-1</a>



### **Group Members**

Student ID	Student Name
21s15092	Nuwani Yashodhara
21s03135	Chawani Lakrandi
21s15084	Nethmi Anjaleena
21s20012	Dharani Hesara
21s15068	Nadeeshani De Silva
21s15063	Hirushani Harshamali

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