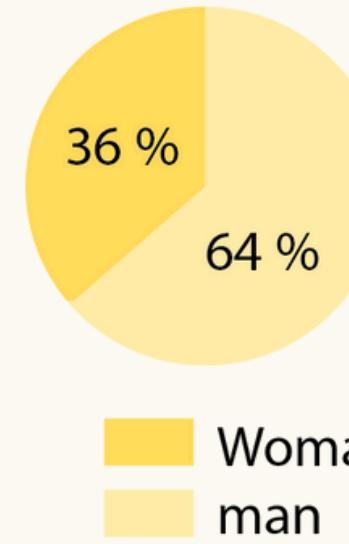


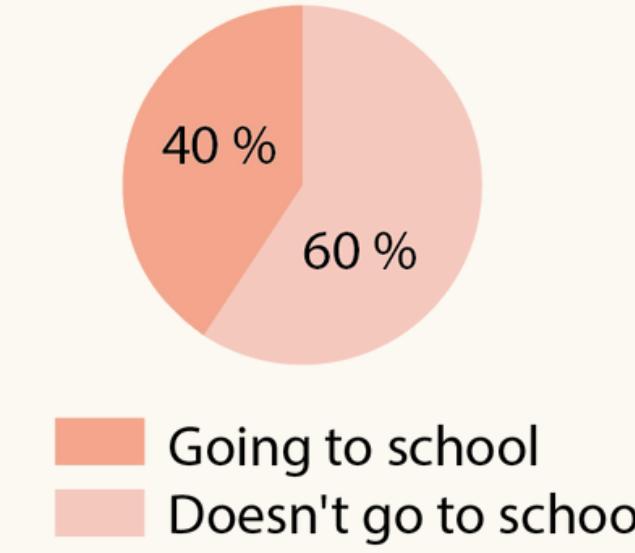
International Project Syria

Demographic data

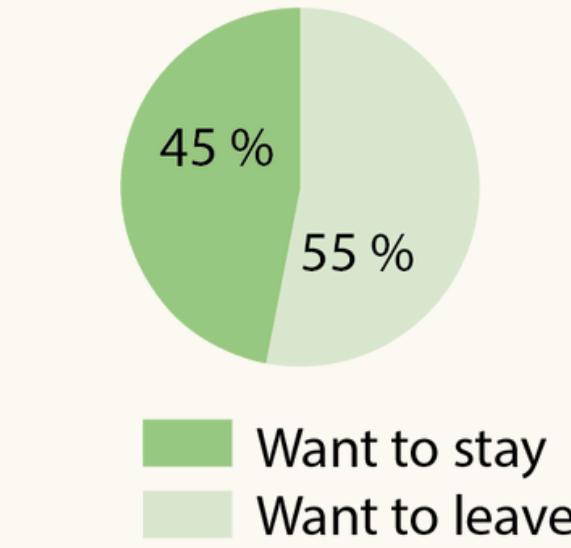
Number of women and men



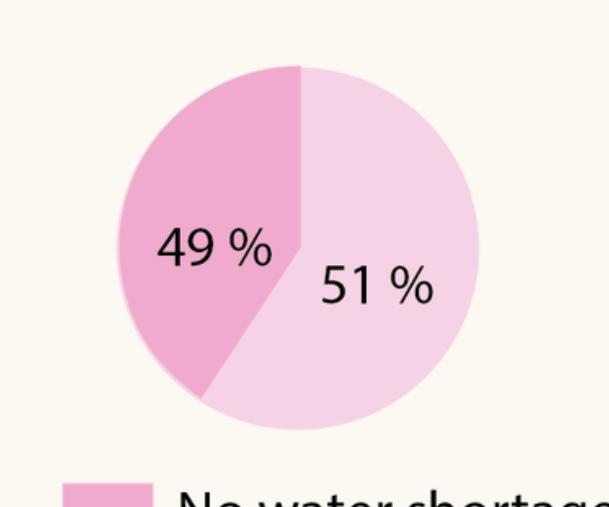
The number of children attending school



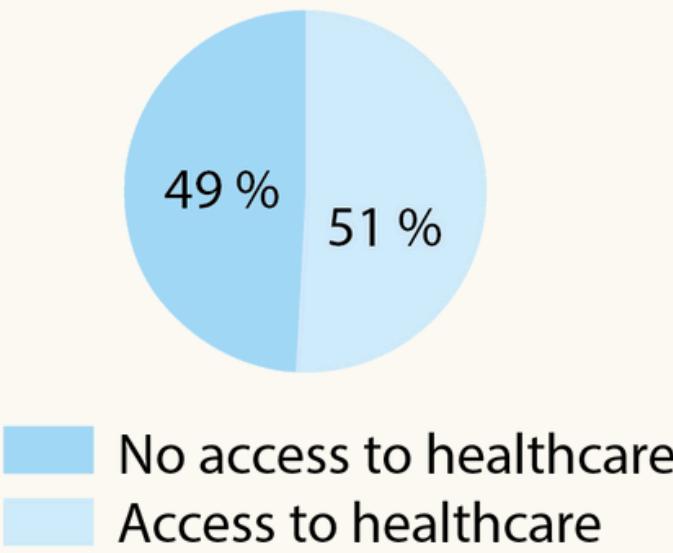
Number that want to leave



Water shortage

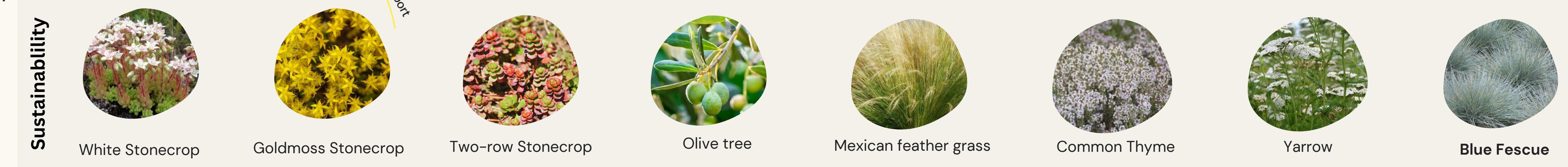


Access healthcare



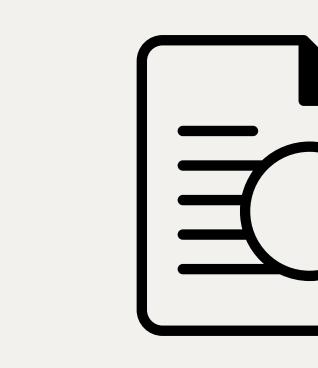
Location Research

The village of al-Salameh, near the Turkish border and close to Azaz and Aleppo, has basic facilities but has suffered war damage, necessitating new constructions like our school and mosque. Despite these facilities, Azaz and al-Salameh are quiet and remote, requiring efforts to create an active community. Focus is needed on children's education, women's health and protection, and job opportunities.



Plan of approach

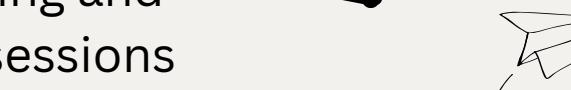
This project aims to design a sustainable school-mosque for a refugee neighborhood in northern Syria, by a team of six specialists.



Each team member researches their specialization to contribute to the project.



Brainstorming and discussion sessions are held to develop ideas and enhance collaboration.



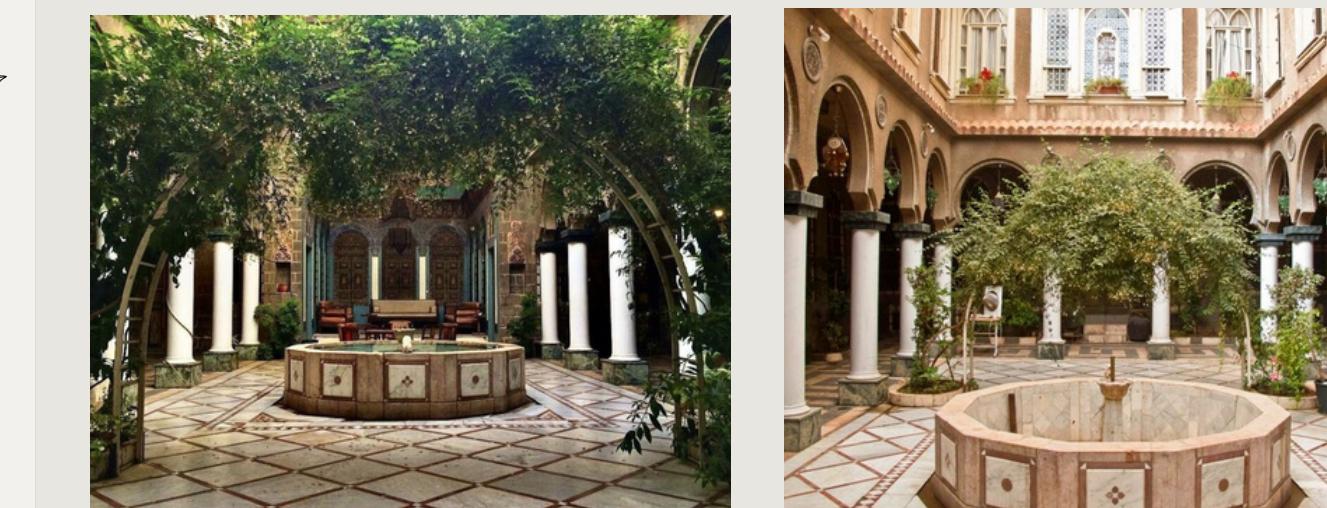
The team primarily focuses on collaboration and idea exchange to develop the final product.



Syrian architecture



is diverse and rich that is combined with history. A courtyard is an important part of Syrian architecture. The entrance to a building always leads to a courtyard with a fountain. The interior is often decorated with geometric mosaic patterns. Also, the architectural style of veil and Arabic architecture is often combined in Syrian architecture.



Conclusion: Our goal is to integrate Syrian and Arabic architectural elements into the design, featuring an inner garden as a central element. We aim to integrate greenery into the courtyard, emulating traditional Syrian architecture, to foster a social atmosphere.

Historical Research



Syria's history spans from ancient empires like Akkadian, Assyrian, Babylonian, Persian, Macedonian, Roman, and Byzantine, followed by Arab rule and subsequent dynasties until independence in 1946.

Located near the Turkish border, Azaz has become a stable refuge during the Syrian conflict, attracting NGOs for housing and aid projects to restore stability and hope to displaced communities.

Conclusion: Syria has a great history and a war that is still going on. This means that the design must be sturdy enough to withstand the war and strengthen the area's history.

Climate and Environment



During the day



Night



Soil erosion

(Cherlinka, 1970)



Desertification

(European Court of Auditors, 2021)



water scarcity

(Pyejet, n.d.)

Notable architectural elements in the cities:



Light colors Reflect all heat



Naturalstone Absorbs heat and releases it slowly



Concrete Heavy material retains heat

Massa studie

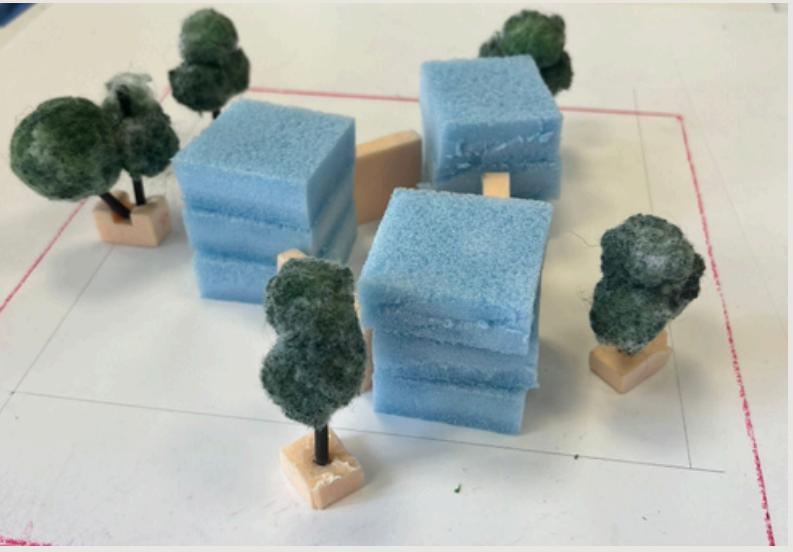
Variant 1



Variant 2



Variant 3



Variant 1 harris profile

Functional classification	Practicality	Efficient use of space	Orientation	Insolation	Escape	Uniqueness	Multifunction	Program requirements
-2	-1	1	2					
1	3	4	0					

Variant 2 harris profile

Functional classification	Practicality	Efficient use of space	Orientation	Insolation	Escape	Uniqueness	Multifunction	Program requirements
-2	-1	1	2					
1	1	5	1					

Variant 3 harris profile

Functional classification	Practicality	Efficient use of space	Orientation	Insolation	Escape	Uniqueness	Multifunction	Program requirements
-2	-1	1	2					
1	4	3	0					

Conclusion: Based on the Harris method, we have chosen to further develop variant 2. This was the mass study with the most positive points.

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Exterior

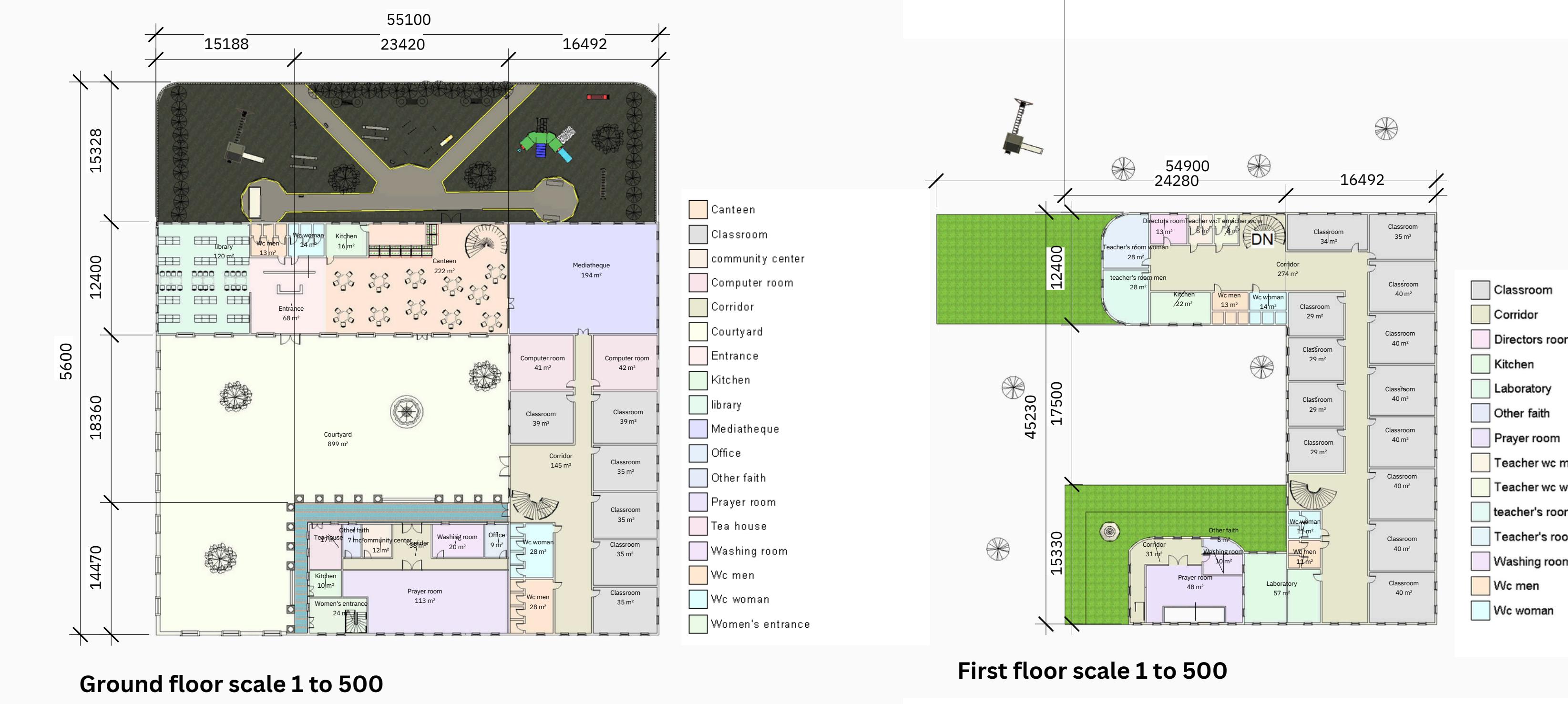
Entrance men

Playground

Canteen

Women's prayer room

Local



Design

the design is designed with the idea of syria architecture in mind. By having a courtyard that is accessible to everyone, we create a social space. Both the school and mosque on the ground floor are socially and freely furnished and accessible to everyone. The school is connected to the courtyard by placing large windows on the ground floor.

To create a quiet courtyard, the playground has been placed behind the school to reduce noise. The classrooms are mainly located on the second floor of the school, which is a quiet part of the school that is only accessible to students. The media library, canteen and laboratories are all located on the ground floor

