Concept Statement :

A living link between land and sea, where submerged heritage is revealed, studied, and preserved through a fusion of museum experience and environmental research.

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Sec : 1
BN:23

Concept :

Solar–Lunar Dialogue:
As the moon reflects the light of the sun, the project extends the cultural mission of the Bibliotheca Alexandrina by illuminating Alexandria's submerged heritage.

The Gateway between land and sea
The historic waterfront forms Alexandria's visible identity, shaped by centuries of maritime exchange, cultural mergers, and landmark architecture overlooking the Mediterranean.

Crossing The waterline
The challenge of means to unveil the submerged artist innovative techniques and building material to achieve the blessed toward the lost memory whether it was through Diving underwater tunnels or observatory chambers.

The Memory of a Drowned City
A forgotten archaeological realm where submerged heritage survives, waiting to be explored, studied, and preserved.

Site Analysis :

The site is located within Alexandria's Eastern Harbor, one of the most archaeologically significant submerged landscapes in the Mediterranean. Positioned between the Qaitbay Citadel and the Bibliotheca Alexandrina, it lies at the intersection of the ancient royal harbor, military port, and the submerged ruins of the Pharos. This location offers unparalleled access to layers of Ptolemaic, Roman, and Islamic history, establishing a direct relationship between the contemporary city and its submerged heritage.

The Layered History Of Alexandria

Alexandria's layered history has created a rich cultural legacy along its coastline. Over centuries, earthquakes, coastal change, and maritime activity submerged many of these traces, forming a unique underwater heritage landscape.

- **Roman Era**
  Cosmopolitan expansion: theatres, baths, and harbors added layers of monumental architecture to the legacy of engineering and urban scale.
- **Islamic Era**
  Reoccupation and fortification: thick stone walls and citadels reflect defense, resilience, and adaptation of the ancient city fabric.
- **Muhammad Ali / Cosmopolitan Era**
  Revival and hybridity: brick, pitched roofs, and hybrid classical-Islamic forms reveal Alexandria's cosmopolitan identity and layered memory.
- **Hellenistic Greek Era Era**
  The city of Alexander the Great — a center of knowledge, geometry, and monumental architecture, much of which now rests beneath the sea.
- **Coptic / Early Christian Era**
  Spiritual and introspective: vaulted spaces, carved underground, preserving knowledge and belief within dim, contemplative architecture.
- **Contemporary Era**
  Modern recognition of the past: the Bibliotheca Alexandrina and ongoing archaeological rediscovery reconnect the city with its submerged heritage.

Targeted Users :

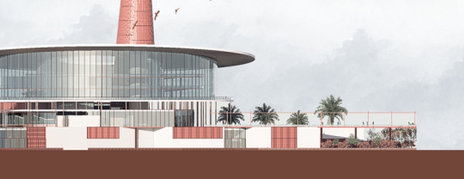
Researchers & Deliverers
Archaeologists, conservation and underwater technology.

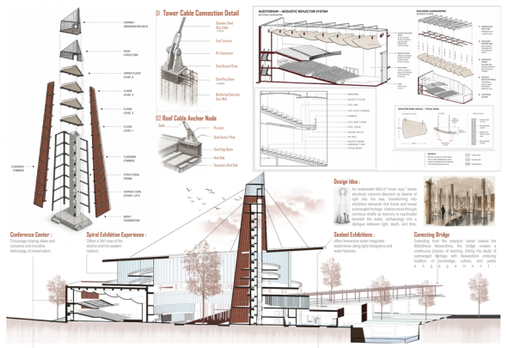
Tourists
To experience and appreciate underwater heritage responsibility.

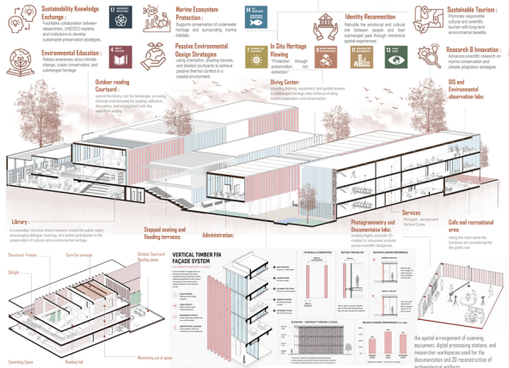
Local Community
To reconnect with their lost history, understand and strengthen cultural identity.

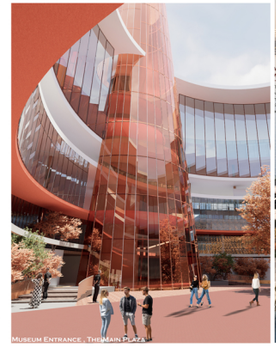
Heritage Protection & Policy Actors
To support the concept and ensure the sustainable preservation of underwater cultural heritage.

Form Generation :

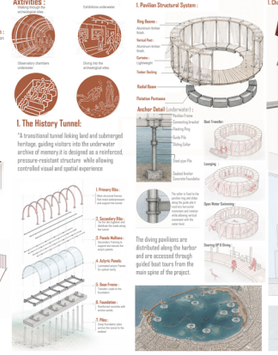






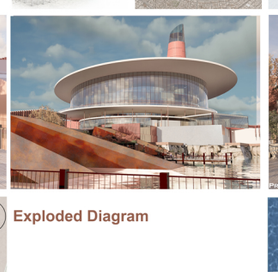


Underwater experience Activities :



I. The History Tunnel:

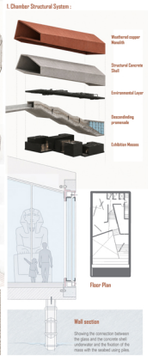
"A transitional tunnel linking land and submerged heritage, guiding visitors into the underwater archive of memory.it is designed as a reinforced, pressure-resistant structure while allowing controlled visual and spatial experience

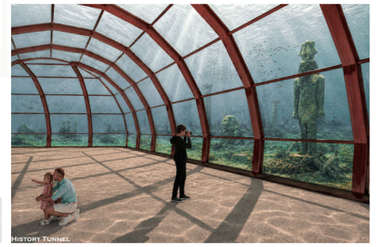


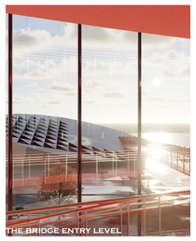
2. The Floating Diving Pavilions:

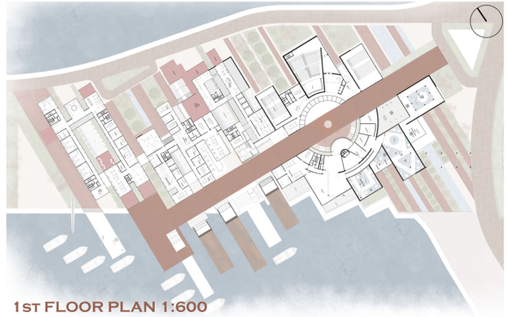
The diving pavilions are distributed along the harbor and are accessed through guided boat tours from the main spine of the project.

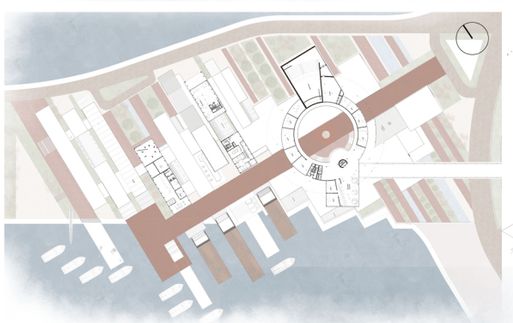
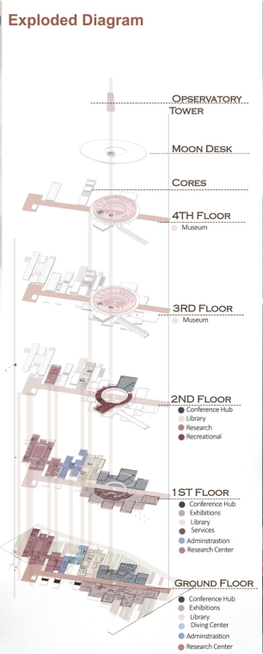
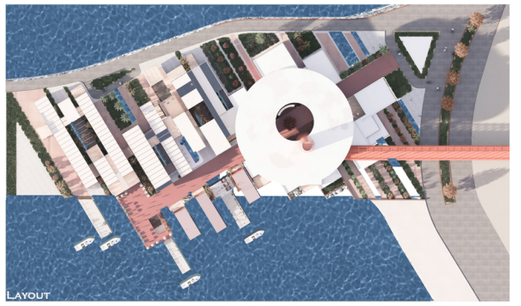
The Sinking Chambers











Exploded Diagram