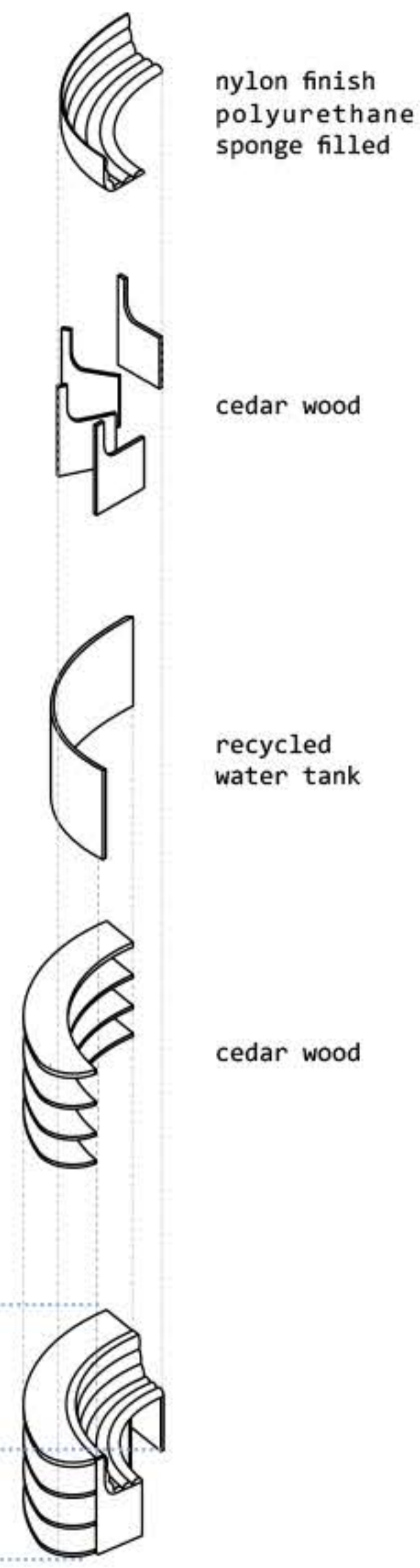




lounge on the second floor



The Floating Home

Dwelling Design
Fall 2020 Design Studio

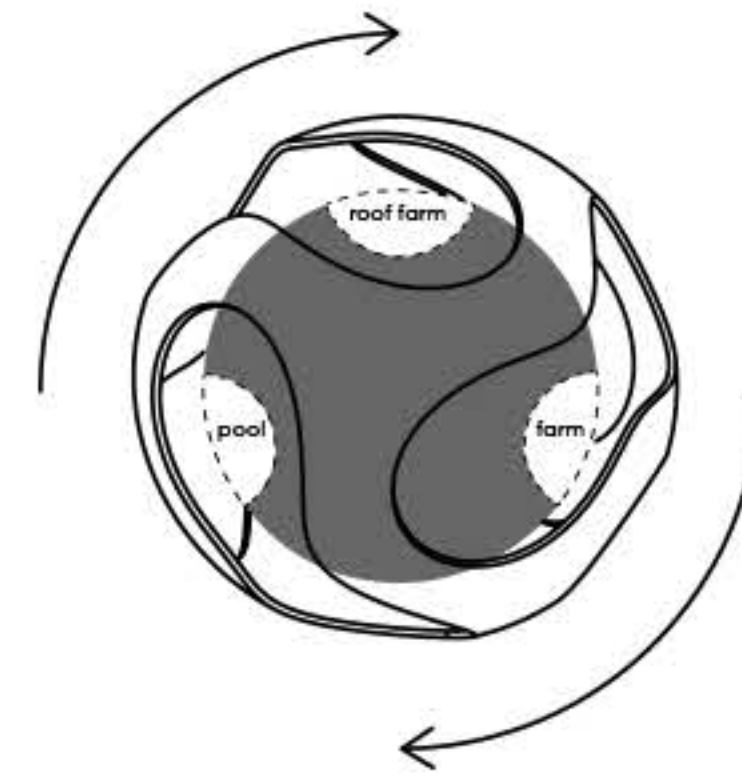
As sea level rises, we need to think about how to adapt to the condition when we need to live on water. The project aims to design homes for people living in area with danger of flood and to enhance the connection between neighbors. The project reuses materials to make furnitures to reduce waste that people may throw away.



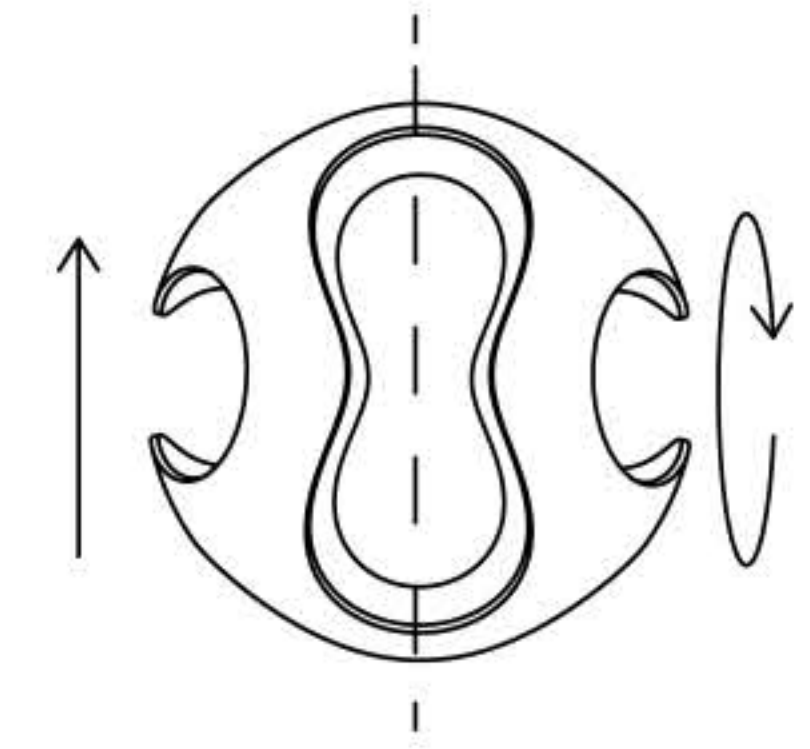
two layers of structure, inner layer stays still



Shark scales are applied on the surface to help the movement of the vessel, be bio adsorbent for heavy metal, generate electricity, and avoid bacteria



The openings of the outer layer corresponds to the functions of the inner layer



The rotating outer layer is the mechanism that makes the vessel mobile

