**Software Requirements Specification Document**

|  | <**YTD**, UG2\_Team3, CS23B054,8,11,12,14,16 >  **Team Members: Anirudh, BhanuPrakash, Charan, Chitraksh, Dhyanam, Surya** |
| --- | --- |

# **Brief problem statement**

Our interactive website offers a unique educational experience that immerses users in marine ecosystems and sustainable fishing. By taking on the roles of fishermen, scientists, or students, players explore various aquatic environments, face real-world challenges like overfishing, and learn about marine biodiversity. Users gain a deep understanding of their decisions's impact on the ocean by engaging in real-life scenarios or stories randomly generated by AI, quizzes, and real-time weather updates. Additionally, our platform aims to contribute to marine research by streamlining the collection and analysis of marine data about fish catch, myths, unsolved scientific issues, etc. We invite users to upload valuable information, such as datasets or blog posts, which can be converted into usable info for researchers to study and advance in their research.

# **System requirements:**

**System Requirements for Running/Using:**

* Internet Connection
* The System should be able to run any platform with a browser installed.

**Technologies:**

* MERN Stack
* Vercel/Render for deployment
* Socket.io
* APIs

**System Requirements for Development:**

* i3 processor or higher.
* Basic graphic card
* RAM - 6GB or above

# Users profile:

# 