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| **Abstract:** |  |
| Indoor fish farming quality heavily depends on water quality management. Full-time monitoring can be a way to improve the management system but the conventional manual process cannot ensure efficient monitoring. Human eyes  cannot detect all physical and chemical parameters. Internet of Things (IoT) can play a vital role to monitor, manage water quality to flourish the indoor Aquaculture Industry. In this paper, an IoT based model is proposed considering all chemical aspects and a prototype is implemented. A mobile application is  also developed for real-time monitoring and controlling all the devices which can stabilize the system if any parameter exceeds the ideal value | |