

Implementation of Path Finding Aircraft Tracking Using A * Algorithm

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Abstract

Artificial intelligence defines as the attempt to construct mechanisms that performed by humans. The knowledge base contains knowledge necessary for understanding, formulating, and solving problems. This paper intends to present optimal route finding system for international aircraft route. This paper uses A algorithm and XML technology to draw aircraft tracking plan. A* search is one kind of heuristically informed search strategy. This search algorithm is both complete and optimal. So, A* algorithm is very suitable aircraft for navigation system. It is used to operate in complicated mapping situations and new domain environments. This system uses A* algorithm to draw plan and to find optimal international aircraft route and give shortest path. The users can be optimized the shortest path by applying this system in the Asia's international airports.*