Make & Trade

BRD

Introduced By Group 18

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# Introduction

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# Background

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# System Description

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# System Features

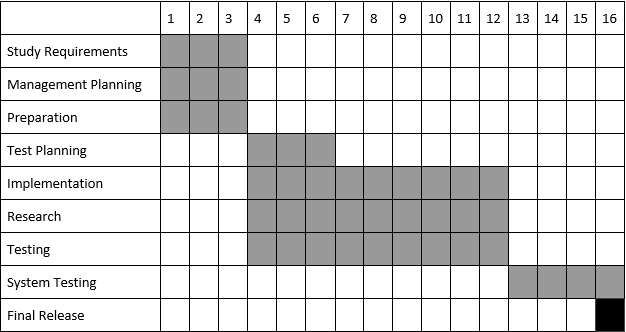
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# System Development and Operation

**Overview**

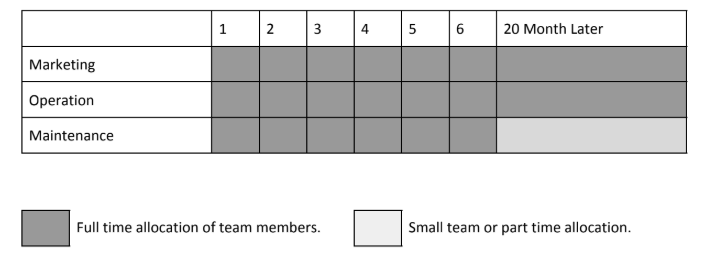
The system development is performed using Agile methodology. Initial R&D activity should be applied to experiments tools and techniques. Later continuous R&D activity will run beside the system development activities. The first version of the system should take sixteen month. After release, the system will enter an initial operation phase for six months. During that phase the whole development team will communicate directly with the operation & business team. Later the system will enter the final operation and maintenance phase. During that phase a minor dev. team will provide an indirect technical support.

**Development plan**



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**Operation plan**



**Tools**

Make and trade will be developed using open source tools, languages and servers. This will decrease the cost especially for long term operation. While development only online tools will be used for management, tracking, testing and source control. This will increase the collaboration between team members even they are not located at the same place. Also, this will allow external teams and members to participate.

|  |  |
| --- | --- |
| Operation | Used tools |
| Source control and versioning | GitHub/Git |
| Tasks and issues tracking | GitHub |
| Structured Database | SQLite |
| Programming languages | Python & Django |

**Cost**

-The system completely depends on open source tools and language,

So there wouldn’t be many expenses for development.

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# Appendices

**References**