

REQUIREMENTS DEFINITION



Website Design Project

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Version 1.0

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REVISION HISTORY

REVISION	SECTION	DESCRIPTION	EDITOR	DATE
1.0		Original Document	KJB	04/03/2016

EXECUTIVE SUMMARY

INTRODUCTION

The Invention Group wishes to establish a new website for its business. The purpose of its company is to support inventors by bringing their inventions to market and assisting with feedback and direction for their ideas.

The Invention Group wishes for the site to be professional and informational, generating interest and revenue from inventors looking to develop their ideas.

PURPOSE OF THIS DOCUMENT

This document contains all User-level and System-level requirements for this project.

SPECIFIC TERMS AND ACRONYMS

Terms here are specific to this document. Refer to “Project Glossary” for a more comprehensive list of terms used in this project

TERM OR ACRONYM	DESCRIPTION
HTML	Hypertext Markup Language – the language used to create websites.
CSS	Cascading Style-Sheets – the language used to create and maintain styles.
FTP	File Transfer Protocol – method of uploading/downloading source files.
SQL	SQL – a special-purpose programming language designed for managing data held in a relational database management system (RDBMS), or for stream processing in a relational data stream management system (RDSMS).
JavaScript/JS	JavaScript – an object-oriented computer programming language commonly used to create interactive effects within web browsers.

USER ROLES

Roles played by various users that interact with the business process or system described below

ID	ROLE	DESCRIPTION OF ROLE AND ACTIVITIES PERFORMED
UR1	Site Admin	People who are authorized to create, edit, manage all aspects of the website
UR2	Staff	The Invention Group personnel who will be generating reports and evaluating submissions
UR3	Inventor	Inventors / entrepreneurs who will be looking for more information and submitting their ideas for review
UR4	General Visitor	People browsing the site or looking for more information

PROJECT REQUIREMENTS DEFINITION

ASSUMPTIONS

Items intended to alert management to factors that might have an effect on the implementation of the requirements. They are not requirements themselves, but help validate the accuracy of the requirements and must be validated as true. Business assumptions are provided to the project team to inform them of key stakeholder expectations. Requirements assumptions are added by the Requirements Lead to transfer business domain knowledge to the project team.

ID	ASSUMPTION STATEMENT
A1	The domain name and hosting will be obtained by The Invention Group.
A2	The Invention Group will supply all necessary content by February 14th 2016
A3	The Invention Group will provide all required assets such as fonts or color palettes.
A4	The Invention Group will provide timely and detailed feedback, and signing off on iterations of the site.
A5	The Invention Group will provide access to any employees that may be relevant to this project for feedback, content, or other information.
A6	The Invention Group will provide FTP login information and all necessary source files.

CONSTRAINTS

Anything that puts limits on implementing the requirements. “Constraints can be economic, political, technical, or environmental and pertain to your project resources, schedule, target environment, or to the system itself.”

ID	CONSTRAINT STATEMENT
C1	Budget of \$10,000.
C2	The re-design must be completed by April 5th 2016.
C3	Hosting will be obtained and the new site must be able to function on the chosen server.
C4	The user’s technical experience.
C5	The user’s connection type and speed.
C6	The Invention Group staff’s availability for meetings.

DEPENDENCIES

Any external event, condition, or system that must be in place for a requirement to be valid

ID	DEPENDENCY STATEMENT
D1	Web hosting must remain in effect.
D2	Domain name must remain active and with chosen provider.
D3	Funding for the project must be approved.
D4	A SQL database must be set up with the proper tables created.
D5	Forms must be generated for contact, registration, login, and idea submission
D6	Content is supplied in proper format by deadlines.
D8	Members only area must be created for users to view their reports.

REQUIREMENTS

BUSINESS REQUIREMENTS

Business-level requirements are written from the sponsor's perspective. The business requirements identify the reason why the project is being done as well as the benefits to the business. Business requirements are typically documented early in the project life cycle, or the planning phase of the project, and are frequently documented in the project management deliverables.

ID	BUSINESS REQUIREMENT STATEMENT
B1	Obtain new customers who will request reports about their ideas
B2	Provide current customers with an easy way to access and view their reports
B3	Provide staff with a database for easy access to submissions
B4	Create a design that looks professional, is free of errors, and is responsive

USER AND FUNCTIONAL REQUIREMENTS

User-level requirements are written from the user role's perspective. Functional requirements are written from the system's (features or functions) perspective. What must the system do to support the user role?

The 'Review Date' column is used to track the most recent date that the requirement was validated through the sign-off using ink-free sign-off validation process. This date should match at least one of the dates in the validation outcome history section of the document.

PRIORITY

H

High

MUST have

The Invention Group – Requirements Definition

REQ ID #	USER AND FUNCTIONAL REQUIREMENT STATEMENTS	USER ROLE ID COMMON ID	PRIORITY H/M/L	COMMENTS
Goal U1	Create, edit and manage content.			
U1.1	I want to be able to manage the content on the website.	UR1	H	
U1.1F1	A clean and error free development of the site will allow a developer to easily manage the site.			
Goal U2	Manage idea submissions			
U2	I want to be able to manage idea submissions	UR2	H	
U2.1F1	A database that holds all submissions will allow staff to manage them.			
Goal U3	Submit and view submissions			
U3	I want to be able to submit my ideas and review my reports	UR3	H	
U3.1F1	A form that allows easy idea submission will allow users to add their submissions			
U3.1F2	A members only area will allow a user to easily see their generated reports and status of submissions			

CONCLUSION

Presently The Invention Group does not have a website which causes a lot of missed opportunities.

With the creation of a clean and easy to use interface that implements the suggested features, conversion from a regular visitor to a member who submits their ideas for evaluation will surely occur at an increasing rate.