

Nodebucket

BUSINESS REQUIREMENTS DOCUMENT

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Version History

Name	Date	Reason for Change	Version
Krasso, Richard	10/17/2019	New document format	1.0.0
Krasso, Richard	8/9/2023	Updated project requirements	2.0.0

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SECTION 1: OBJECTIVE / SCOPE

PROBLEM

You work for a local project management company that specializes in helping start-up companies and entrepreneurs manage new and existing projects. Projects range from new websites, desktop and mobile applications, advertisement, and marketing. The company needs a new tool to help its employees and customers manage tasks and has hired you to create their website. You have already chosen the MEAN stack environment for the website and elected to use Swagger for documenting the API's.

Out of Scope

- Authorization (i.e., roles)
- Updating the text of a task
- Assigning tasks to team members
- Reporting

Security

Employees must be signed in to view the task management page. The landing page, about, contact, and 404 pages do not require authentication.

Requested Completion Date

Nodebucket should fully built, tested, and deployed by the end of wee five (5).

Additional Resources:

Name	Comments
Courses GitHub repository	https://github.com/buwebdev/web-450
Git training	https://www.atlassian.com/git/tutorials/comparing-workflows/gitflow-workflow
Regular expression cheat sheet	http://web.mit.edu/hackl/www/lab/turkshop/slides/regex-cheatsheet.pdf

Regular express training	https://regexr.com/
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SECTION 2: BUSINESS REQUIREMENTS

This section is required and contains a listing of the business requirements for the project. Requirements start with the letter R followed by the number. For requirements with several features, dot notation is used. When you create the Technical Design Document (TDD) use the numbering system here to correlate the implementation details with the requirement. This is done for two reasons:

- Ensures you do not miss anything.
- Creates a source of truth document for group members and managers.

Requirement #	Requirement	Comments
R – 1	The entire website is required to use one of the following color themes: <ul style="list-style-type: none"> • House Gryffindor • House Hufflepuff • House Ravenclaw • House Slytherin 	You decide which theme to use, but the entire website must be styled to match the house you selected. You may use Angular Material, Bootstrap, or Vanilla CSS. The website should be mobile accessible/ready.
R – 2	A Home/Landing page for non-authentication employees.	Design a home/landing page that is consistent with your selected house theme. For inspiration, use the following article . For help with Bootstrap starter templates use the following article .
R – 3	An About Us page for non-authenticated employees.	Design an about us page that is consistent with your selected house theme. Create your own back story (minimum of 250 words and must include images. Don't forget attribution)
R – 4	A Contact Us page for non-authenticated employees.	Design a contact us page that is consistent with your selected house theme. Include a Google map for the company's location (use

		Bellevue Universities address) and contact information (phone number, address, and email).
R – 5	A Sign In page for non-authenticated employees.	Design a sign in page that is consistent with your selected house theme.
R – 5.1	The sign in form will have one field for employeeId and a submit button.	Only allow valid numerical values in the range of 1007-1012. All other entries must be rejected. Include the appropriate error messages.
R – 6	A Tasks page for authenticated employees.	Design a task management page that is consistent with your selected house theme.
R – 6.1	The page should consist of an input field for new tasks, a submit button, a column for ToDo items, and a column for Done items.	Each time a new task is created it is added to the ToDo column by default.
R – 6.2	Employees should be able to prioritize items in either column and move items between the two columns.	<p>Task cards in the columns can be reordered or moved between the two columns.</p> <p>The typical workflow is as follows:</p> <ol style="list-style-type: none"> 1. A new task is created and added to the ToDo column. 2. The employee rearranges the tasks in the ToDo column by work prioritization. 3. Once the task is complete, the employee moves the tasks to the Done column.
R – 6.3	Employees should be able to delete unwanted tasks.	All tasks, regardless of the column they are in can be deleted. Provide users with a confirmation message before deleting a task.

R – 7	A 404 page.	<p>Design a 404 page that is consistent with your selected house theme.</p> <p>The 404 page should be fully customized with image and textual content. Be creative, original, and showcase your styling skills</p>

SECTION 3: APPROVAL

Approvers	Approved (Y/N)	Date
Approved By (Client Acceptors, can be more than one)	Y	8/9/2023
Approved By (Solution Architect)	Y	8/9/2023
Approved By (Development Team)	Y	8/9/2023