



Trello

Vision Document

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CONTENTS

0. Abstract	0
1. Introduction	1
2. Positioning	2
3. Product overview.....	3
4. Product features	4
5. Product features	5
6. Constraints	6
7. Quality ranges	7
8. Precedence and priority	8
9. Other product requirements	9
10. Documentation Requirements	10

0: Abstract

- At Trello, our vision is to create a world where everyone can easily organize their work and life. We believe that by providing a simple and intuitive way to manage tasks, projects, and goals, we can empower people to be more productive and successful.
- Our mission is to make it easy for people to stay organized and on top of their work. We strive to provide the best user experience possible by creating an intuitive interface that allows users to quickly get up and running with Trello. We also want to ensure that our users have access to the features they need in order to be successful.
- We are committed to creating a product that is reliable, secure, and accessible for everyone. We believe in open collaboration and strive to create an environment where users can easily share ideas and feedback with each other.
- We are passionate about making sure our users have the best experience possible when using Trello. Our goal is to make it easy for people of all backgrounds and skill levels to use our product effectively. We want our users to feel confident in their ability to manage their tasks, projects, and goals with Trello.
- At Trello, we are dedicated to helping people be more productive and successful in their work and life. Our vision is for a world where everyone can easily organize their tasks, projects, and goals with ease.

1: Introduction

1.1 Purpose:

- We would like to progress our project within DAD methodology, and Business vision would help us to share a clear vision with the stakeholders
- Also, it would be really helpful for whom are working in the team

1.2 Scope:

- We would like to multiple the Trello web-app as a minimal for our project
- Deploying DAD methodology is one the most important purposes of this project

1.3 Definitions, acronyms and abbreviations:

- In this project we define different types of developers as a symbol named “dev”
- We would generate our Product roadmap for both release roadmap and product roadmap
- Further in the vision document it could be written as “VD”
- Further in the Product management it could be written as “PM”

1.4 References:

- As it has been mentioned we are trying to deploy a minimal Trello so our main reference would be [Trello.com](https://trello.com)

1.5 Overview:

- We would cover the whole stages of the product within the vision document
- This V.D. has 11 stages which would clarify all reasons for creating the minimal Trello

2: Positioning

2.1 Business opportunity:

- Optimistically speaking, deploying this project would help us to localize the Trello so we could use it within “IRAN INTRANET”

2.2 Problem statement:

- The problem of complexity in product and team management applications affects people who are not familiar within software world. The impact of the problem is that managers are not working in product managing standards. A successful solution would include an easy user experience which could help them use this application easily.

2.3 Product position statement:

- For the teams, who need this kind of management. Our Product is a team and product management that provides a speedy, well authenticated service. Unlike Trello, our product is developed and deployed in local servers and gives users a smooth experience without lost connection.

3: Stakeholder and user descriptions

3.1 Market demographics:

- Trello is a well-known P.M. application so people would accept it easily
- Also, we would customize some features that are not included in the original application for people who live in Iran
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3.2 Stakeholder summary:

- Our main stakeholder is Mr. Mazlounzadeh who wants to use this application for his P.M.
- Other people from Iran are always welcome to contact us for using this application

3.3 User summary:

- Product managers will use our app to define task and manage people in the team
- Developers will use our app to inform their managers of what they have done
- High-level managers will use our app to have a general view of the work flow

3.4 User environment:

- Managers can customize their work-flow due to their need
- People who are people associated with this project can be defined by managers due to their need

4: Product overview

4.1 Product perspective:

- Trello is designed to help teams stay organized and productive by providing an easy-to-use platform for task management.
- It allows users to create boards, lists, and cards to track progress on projects, assign tasks to team members, and collaborate in real-time.
- Trello also offers powerful features such as due dates, labels, checklists, comments, attachments, and more to help teams stay on top of their work.
- With its simple yet powerful interface, Trello makes it easy for teams of all sizes to stay organized and get things done.

4.2 Summary of capabilities:

- Trello is an online project management and collaboration tool that helps teams organize and prioritize their projects.
- It provides users with a visual way to manage tasks, assign responsibilities, track progress, and collaborate with team members.
- With Trello, users can create boards to organize their projects, add cards to each board to represent tasks or ideas, assign members to cards, set due dates and deadlines for tasks, attach files and documents to cards, comment on cards, create checklists within cards for tracking progress, and more!
- Trello also offers features such as labels for categorizing tasks or ideas, calendar views for tracking deadlines and due dates, notifications when tasks are assigned or updated, integration with other apps such as Slack and Google Drive, and more.

5: Product features

- Task Management: Create and organize tasks, assign them to team members, set due dates and track progress.
- Collaboration: Share boards with team members, comment on tasks, and receive notifications when changes are made.
- Customization: Create custom labels, checklists, and due dates to fit your workflow.
- Integration: Connect with other apps like Google Drive and Dropbox to store files and documents related to tasks.
- Security: Keep your data safe with secure encryption and two-factor authentication.
- Analytics: Track performance with detailed reports on task completion rates and project progress.
- Mobile Accessibility: Access boards from anywhere using the mobile app for iOS or Android devices.

6: Constraints

- All users must be over the age of 13.
- All users must agree to the terms of service and privacy policy.
- All data must be stored securely and encrypted.
- All user accounts must have a unique username and password combination.
- All user activity must be tracked and monitored for security purposes.
- All user data must be backed up regularly in case of system failure or data loss.
- All user accounts must have two-factor authentication enabled for added security.
- All communication between users and the system must be encrypted for privacy and security purposes.

7: Quality ranges

- Trello should provide users with a quality range of features that are easy to use, intuitive, and reliable.
- The range should include features such as task management, project tracking, collaboration tools, and integrations with other applications.
- Additionally, the platform should be secure and have a high level of customer service.

8: Precedence and priority

✓ Precedence:

1. Due dates
2. Labels
3. Checklists
4. Comments
5. Attachments
6. Card descriptions
7. Card titles

✓ Priority:

1. High Priority (Red)
2. Medium Priority (Yellow)
3. Low Priority (Green)

9: Other product requirements

9.1 Performance requirements:

- Responsiveness: The application should be able to respond quickly to user requests and provide a smooth user experience.
- Scalability: The application should be able to scale up or down depending on the number of users and tasks.
- Security: The application should be secure and protect user data from unauthorized access.
- Reliability: The application should be reliable and available at all times with minimal downtime.
- Usability: The application should have an intuitive user interface that is easy to use and understand.
- Performance: The application should perform efficiently, with minimal latency and maximum throughput.

9.2 Environmental requirements:

- Ensure data centers are powered by renewable energy sources.
- Reduce the carbon footprint of the company's operations and products.
- Implement energy-efficient technologies and practices in the workplace.
- Utilize green web hosting services to reduce electricity consumption and emissions.
- Minimize paper use by encouraging digital document sharing and storage solutions.
- Utilize recycled materials for office supplies, furniture, and other items when possible.

- Encourage employees to use public transportation or carpooling when commuting to work or traveling for business purposes.
- Recycle all electronic waste responsibly, including computers, printers, and other devices that contain hazardous materials such as lead or mercury.

- Implement a comprehensive waste management system to reduce landfill waste from office operations and product packaging materials.
- Educate employees on sustainable practices in the workplace and encourage them to adopt eco-friendly habits at home as well