

A decorative graphic on the left side of the slide, consisting of white lines and circles on a blue gradient background, resembling a circuit board or a stylized tree structure.

AGILITY

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WHAT IS AGILITY?

- A website dedicated to helping scrum teams manage and organize their projects
- A guide to help scrum teams follow the agile process
- A gateway to the future of agile project management

REGISTER!

- Make a username
- Make a password
- Sign in to get started!

Sign In

Username

Password

☐ Remember Me

Sign In

New User? [Click to Register!](#)

CREATE A PROJECT!

- See all your projects!
- Give your Project a name
- Create your team
- Get working!

Create Project

Project Name

Team Name

Submit

JohnSmith123

Machine Learning Project

-

Predictive Maintenance

-

Artificial Intelligence Project

-

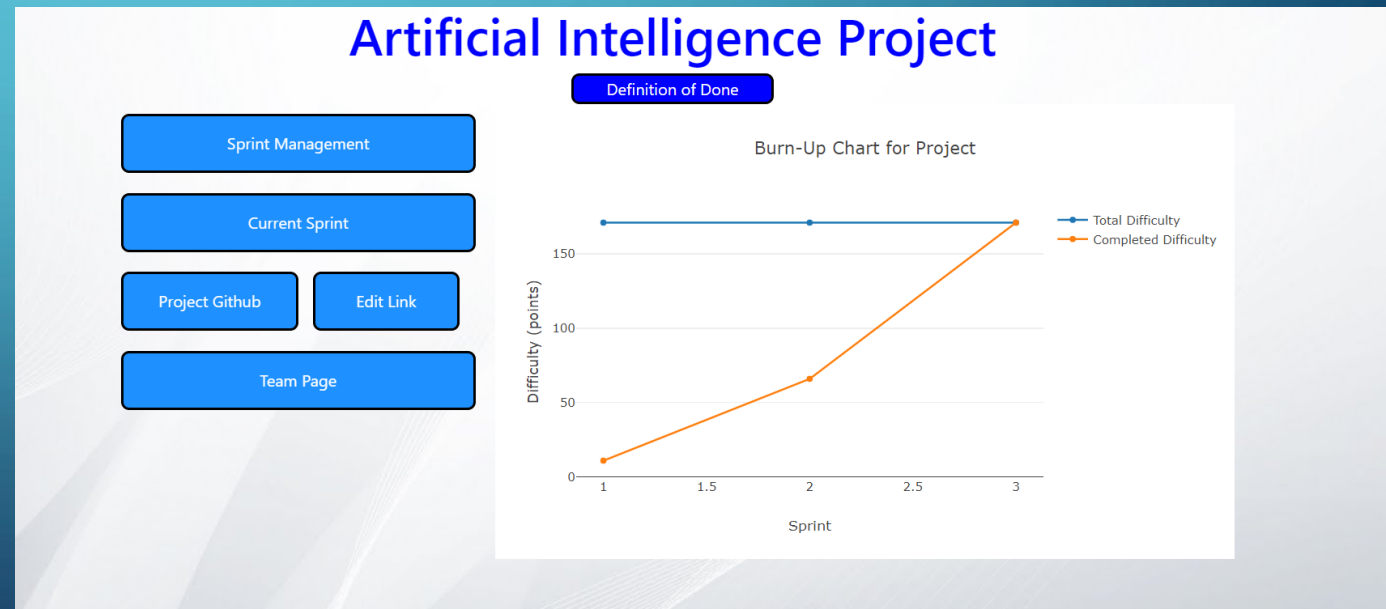
New Project +

MANAGE YOUR PROJECT!

- Automatically generate a burn-up chart
- Go to your GitHub
- Jump to your most current sprint
- Write your Definition of Done!

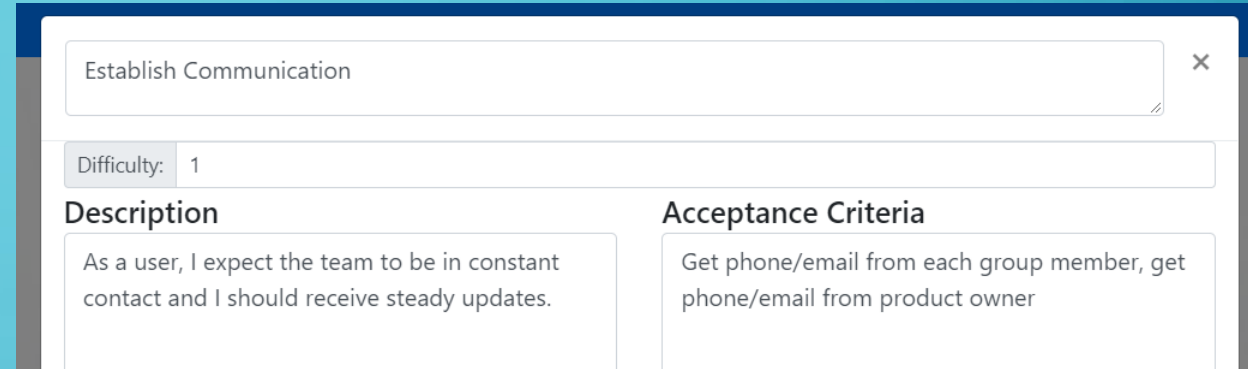
Definition of Done

Create a chess game with an artificial intelligence capable of beating the player.



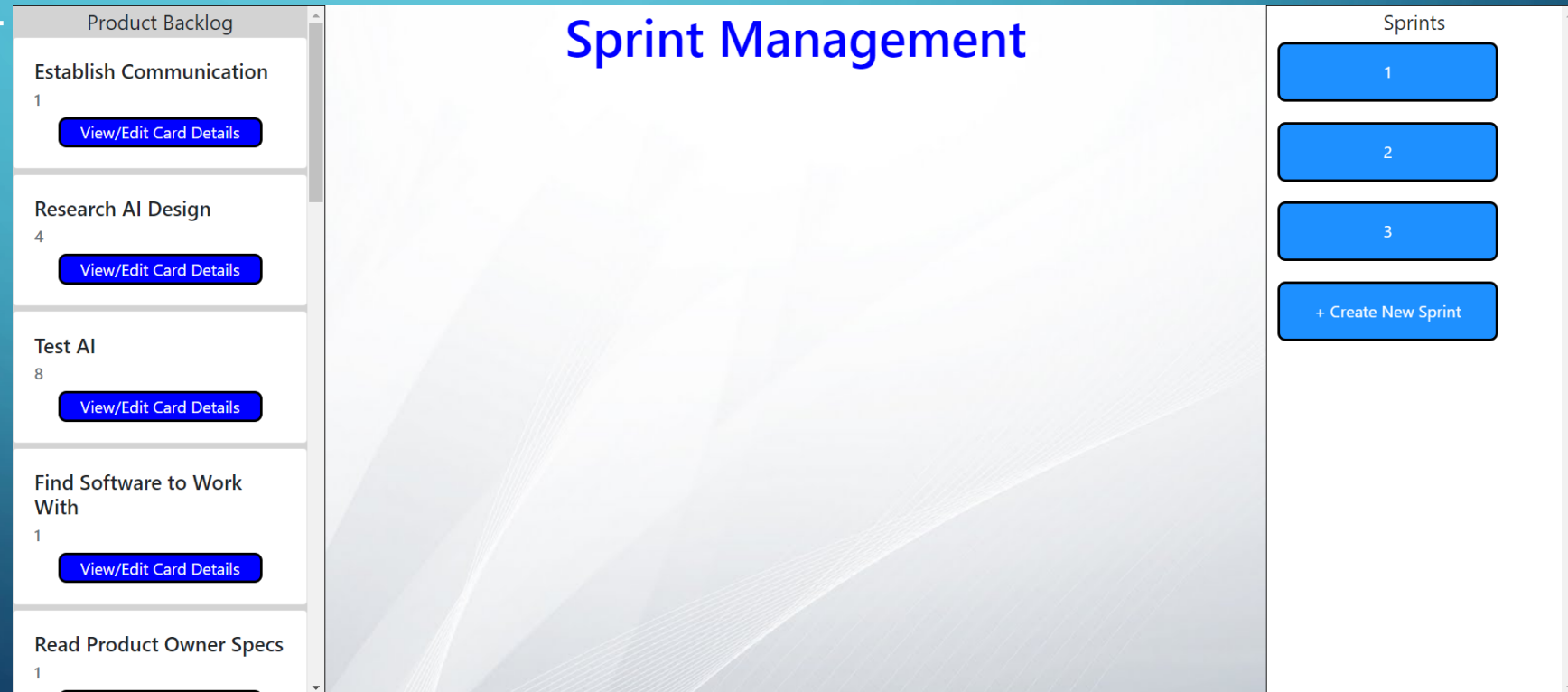
MANAGE YOUR SPRINTS!

- Manage your backlog
- Jump to each sprint
- View your PBIs



This screenshot shows a detailed view of a sprint card titled "Establish Communication". It includes a "Difficulty" field set to 1, a "Description" field with the text "As a user, I expect the team to be in constant contact and I should receive steady updates.", and an "Acceptance Criteria" field with the text "Get phone/email from each group member, get phone/email from product owner".

Field	Value
Title	Establish Communication
Difficulty	1
Description	As a user, I expect the team to be in constant contact and I should receive steady updates.
Acceptance Criteria	Get phone/email from each group member, get phone/email from product owner



The "Sprint Management" interface is divided into three main sections. On the left is the "Product Backlog" list, which contains four items: "Establish Communication" (1), "Research AI Design" (4), "Test AI" (8), and "Find Software to Work With" (1). Each item has a "View/Edit Card Details" button. The center section is a large, empty workspace for the current sprint. On the right is the "Sprints" sidebar, which displays three numbered sprint buttons (1, 2, 3) and a "+ Create New Sprint" button.

Sprint Management

Product Backlog
Establish Communication 1 View/Edit Card Details
Research AI Design 4 View/Edit Card Details
Test AI 8 View/Edit Card Details
Find Software to Work With 1 View/Edit Card Details
Read Product Owner Specs 1

Sprints
1
2
3
+ Create New Sprint

MANAGE YOUR TEAM!

- See your other team members
- See their roles
- Work as a team!

Team SkyNet

Project Members

Name: JohnSmith123 Email: Jsmith@students.rowan.edu Role: Product Owner	<button>Remove Role</button>
Name: myersc7 Email: myersc7@students.rowan.edu Role: Scrum Master	<button>Remove Role</button>
Name: testA Email: testA@gmail.com Role: Developer	<button>Remove Role</button>

Add Member +

BEHIND THE SCENES: THE FRONT-END

- HTML to create the pages
- CSS to style the web pages
- Special CSS and JavaScript functions were imported to add extra style options
- Bootstrap for extra functionality (navbar)
- Modals to view cards without leaving the page
- Plotly to create the burnup chart

BEHIND THE SCENES: THE BACK-END

- Programmed with Python
- Flask integration
- WTForms to store information in the database
- MySQL used to create the database
- MySQLAlchemy for object relational mapping

OUR BIGGEST CHALLENGES

- Learning as we worked on the project
- Getting the pages to display properly
- Getting data to store properly in the database
- Scrapping old functionality and starting over
- Bug fixes

The background is a blue gradient with decorative white circuit-like lines in the corners. These lines consist of straight segments and small circles, resembling a stylized electronic circuit or data paths.

QUESTIONS?