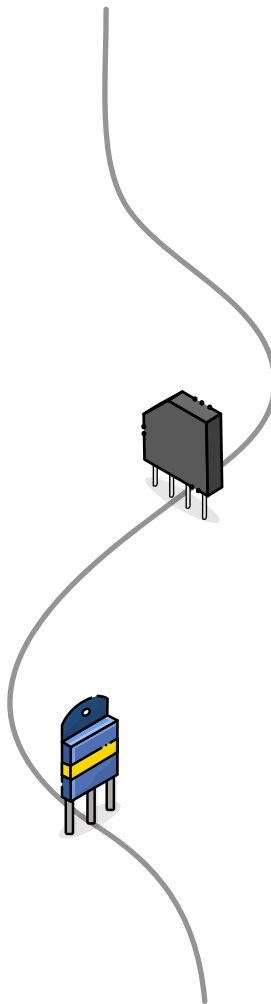
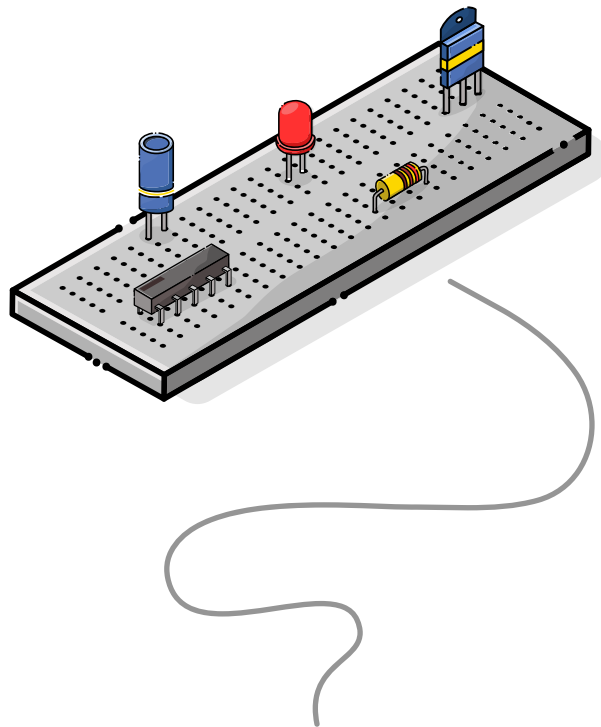




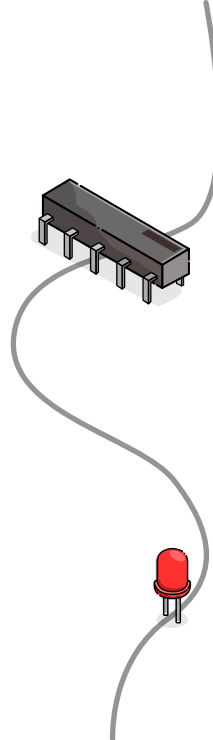
# Let's Build Something Great





At CENG Technologies, we provide the business and technology expertise required to complete specific deliverables, or satisfy the demand for a self-sustaining, elastically scalable engineering team. Either way, our laser focus is to provide the optimal delivery of a vision to plan execution. Whether you are looking for development acumen that complements your existing team, or for an Engineering as a Service platform, CENG encompasses all aspects of Talent Acquisition, Infrastructure, Business Operations, Technology Development, Human Resources, and Learning in a Globally Distributed Co-Building environment.

You'll find comfort knowing that you're working with a team of multi-disciplined engineers, and through our uniquely crafted business processes and workflows, CENG Technologies will empower you with the agility to move faster than your competition.



# Table of Contents

## **Design Process**

Research	4
Design and Prototype	4
Feedback and Iteration	4

## **Development Process**

Code Changes	5
GitHub and Continuous Integration	5
Quality Assurance	6
User Acceptance Testing	6
Release and Deployment	6

## **Your Competitive Advantage**

# Design Process

At CENG, we engineer more than just software or hardware, we're engineering the way you see and interact with the world. Our team of designers work just as diligently as our programmers to produce applications with the highest quality user interfaces, experiences, and designs.



## Research

The ideation phase is probably the most crucial step of the entire process. Appreciating our designer's need to brainstorm and work through designs early saves us from headaches and hiccups later. During this phase we not only research trends, user interface and user experience standards, but also the vision and project goals of the company we are working with. This stage is meant for sketches, wireframes, layouts, rough ideas, and bottomless coffees.



## Design and Prototype

This is where we work out the precise details from the research stage. Without a doubt, the greatest percentage of our design process is dedicated to architecting and prototyping project assets. As we create branding guidelines, layouts, templates, individual assets, our designs are uploaded into Invision to produce high-fidelity prototypes.



## Feedback and Iteration

This is where the project is handed over to clients, users, and our software developers. After review, CENG designers gather important input from critiques and assessments before deciding what the correct solution is. This can involve a lot of problem solving and reimagining of the issue or perhaps only slight tweaks to design. These are what we like to call iterations – and we'll probably work through a few before a project is released.

With design prototypes in hand, our software developers get down to business.

# Development Process

CENG has spent years building and perfecting a project management and development structure that organizes and simplifies our business process using automation, integration, quality assurance, peer review, and user testing. Throughout our process, we have designed proprietary tools that create an efficient system robust enough for engineering and development, with the adaptability to leverage non-technical team members.



## Code Changes

Practiced developers and engineers begin solutioning your vision to reach your goal. Reflected in each of CENG’s products is the understanding of best practices combined with creative design thinking.

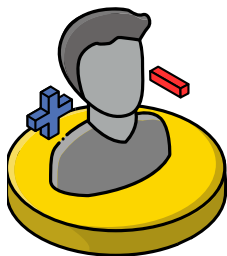
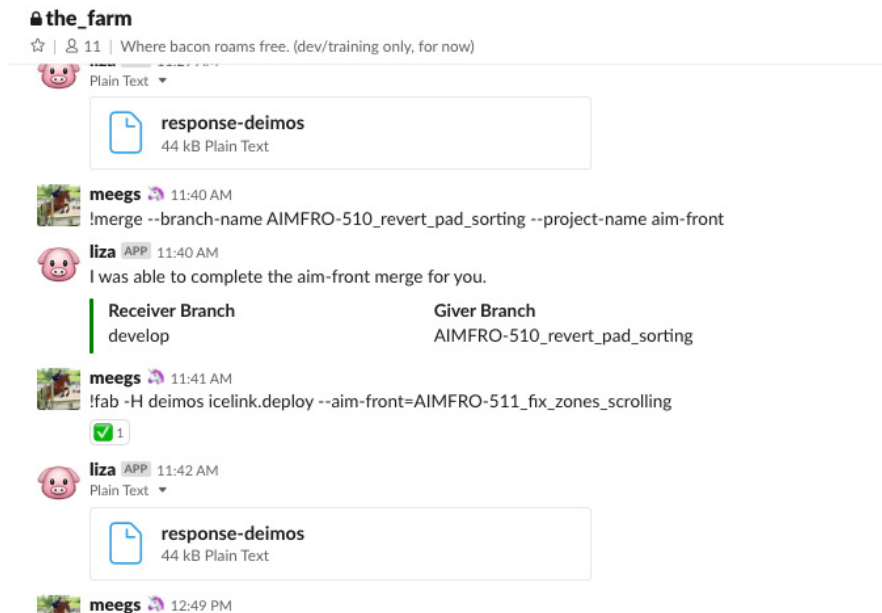
## GitHub and Continuous Integration

Source code is vigorously tested by our Continuous Integration (CI) system before manual quality assurance testing begins. Automated testing and linting ensures that new code doesn’t break application functionality, while conveniently packaging, Semantic versioning, and providing documentation of code. Not only are we saving time and money by executing hundreds of steps in parallel, but CENG is mitigating bugs faster and earlier. Combined with a unique container solution and a stable, operating agnostic environment, releases run smoothly and don’t require, or cause, service outages.

STATUS	RUN	COMMIT	BRANCH	MESSAGE	DURATION	COMPLETED
	19	fd5f946	PR-1462-merge	Pull request #1462 updated	36s	-
	9	fd5f946	PR-1462-head	AIMWEB-2433 Added code to upd... <span>11 commits</span>	37s	-
	10	fd5f946	AIMWEB-2417_update...	AIMWEB-2433 Added code to upd... <span>11 commits</span>	38s	-
	13	81ddb91	PR-1384-merge	AIMWEB-2436 new account API for ... <span>2 commits</span>	23m 3s	42 minutes ago
	14	413dc61	PR-1425-merge	AIMWEB-2436 new account API for ... <span>2 commits</span>	22m 53s	43 minutes ago
	18	c108f09	PR-1462-merge	AIMWEB-2436 new account API for ... <span>2 commits</span>	22m 35s	43 minutes ago
	9	789c31d	PR-1463-merge	AIMWEB-2436 new account API for ... <span>2 commits</span>	21m 43s	44 minutes ago
	10	a84d751	PR-1464-merge	AIMWEB-2436 new account API for ... <span>2 commits</span>	21m 19s	44 minutes ago
	8	c600c9a	PR-1466-merge	AIMWEB-2436 new account API for ... <span>2 commits</span>	21m 46s	44 minutes ago

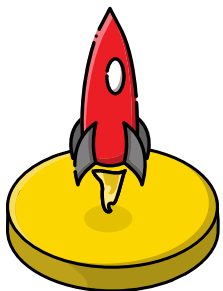
## Quality Assurance

This is the third time our code is tested before reaching the customer and requires our engineers understand the reasoning, implications, and affected interactions of each code change. CENG has also created custom integrations for our project management systems that automate merging code through simple, plain-english commands. Because of this, we remove traditional roadblocks by enabling non-technical team members to push approved code, test in an on-demand development environment and report back to developers based on a success or failure indication and an associated command output log.



## User Acceptance Testing

Before releasing our product, we organize with stakeholders and clients to integrate user feedback and create a unified interpretation of their vision.



## Release and Deployment

Once every piece of code is checked, validated, and operating successfully, we deploy and start the process over. Easy peasy.

# Your Competitive Advantage

CENG products are built upon a foundation of secure and transparent technology. To build a robust, flexible, and resilient product begins with understanding the bounds of machine interactions, the attack vectors available to users, and the protocols machines use to communicate.

**Over the years, CENG has been put to the test both figuratively and literally.**

One of our largest projects, software for commercial aviation, operates in a highly regulated and data sensitive environment. This project requires quarterly, third party Application Security Penetration Testing (Pen. Test) that encompasses code analysis at a cost of tens of thousands of dollars per review.

Using static, dynamic, and software composition analysis, the company inspects our executables to identify a broad range of security flaws. The number of issues they've found in our project related to security, exploitability, and vulnerability? None, Zero, Zilch.

VERACODE

## EXECUTIVE SUMMARY



Application: [Icelinkapp.com](https://icelinkapp.com)

**OPEN FINDINGS: 0**  
**FINDINGS IMPACTING POLICY: 0**

### Findings Violating Policy Rules

Remediation Status	Count
<b>Open</b>	<b>0</b>
Proposed Mitigations	0

### Open Findings Impacting Policy

<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Very High	High	Medium	Low	Very Low

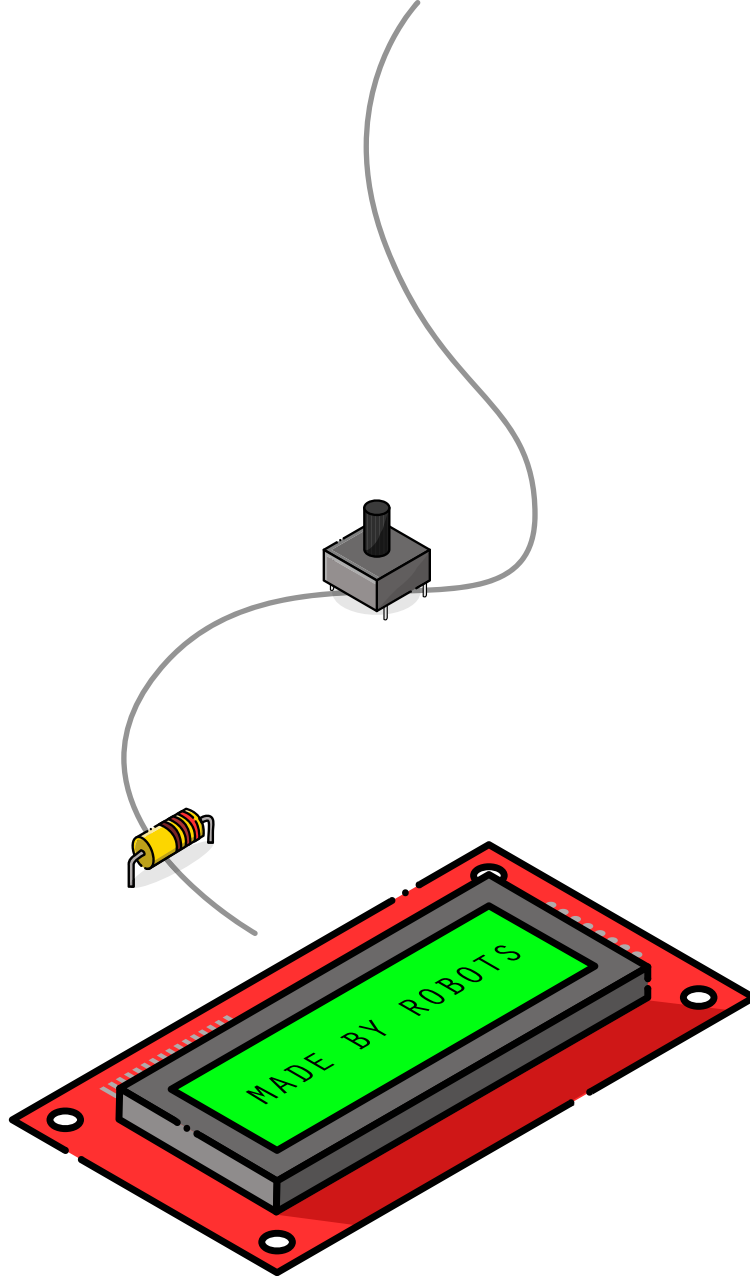
### Scans Included in Application

<b>Static</b>	Score
October 26 Production Scan	<b>94</b>
Oct 27, 2018	

Business Criticality	Description
Very High	Mission critical for business/safety of life and limb on the line
High	Exploitation causes serious brand damage and financial loss with long term business impact
Medium	Applications connected to the internet that process financial or private customer information
Low	Typically internal applications with non-critical business impact
Very Low	Applications with no material business impact

Years of experience combined with the drive to create dominant products makes CENG an innovative force for engineering and development. But we've done enough talking.

Let's Build Something Great.



CENG TECH