Challenge 3: Improving API Usability, Testing, and Documentation through a Hackathon #11

Edit | New issue

⊙ Closed | ⊟ 4 tasks | jordan-sparks-po bot opened this issue 42 minutes ago · 10 comments

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jordan-sparks-po bot commented 42 minutes ago · edited by smoothsailor ▾ ···

Challenge 3: Improving API Usability, Testing, and Documentation through a Hackathon

As a Product Owner, I want to organize a hackathon to address the top three concerns identified by the Software Developer Labor Union in their recent happiness survey. The goal is to improve API design, increase test coverage, and enhance API documentation, utilizing GitHub Copilot to facilitate solutions and improve team morale and productivity.

Why:

- **Morale and Productivity:** A recent survey by the Software Developer Labor Union indicates all-time low morale and productivity, with major concerns about the quality and maintainability of our codebase.
- **CEO's Commitment:** In response to the survey, the COO has promised improvements, including providing Copilot licenses to all developers to aid in resolving these issues.
- **Enhanced Collaboration:** The hackathon will serve as a platform to address these frustrations collectively, demonstrating the capabilities of Copilot in real-time problem-solving.

Acceptance Criteria:

1. **Restful API Design:**
   - Redesign APIs to adhere to RESTful principles. This includes splitting complex controllers like `EventController.cs` into more manageable parts.
2. **Unit Testing:**
   - Establish significant unit tests for existing and newly designed APIs to ensure they meet functional and performance standards.
   - Update CI/CD pipelines to automatically run these unit tests, ensuring that all future changes pass testing before deployment.
3. **API Documentation and Discoverability:**
   - Create comprehensive OpenAPI specifications for all internal APIs to improve discoverability and usability.
   - Use Swagger to show this documentation, making it easily accessible to all teams.

Tasks:

- [ ] Activate GitHub Copilot for all participating developers.
- [ ] Use Copilot to refactor `EventController.cs` into a RESTful API.
- [ ] Ask Copilot for assistance in writing comprehensive documentation and creating a Swagger page for API docs.
- [ ] Write and update unit tests for the APIs, and integrate these tests into the CI/CD pipelines.

> "Coming together is a beginning, staying together is progress, and working together is success." — Henry Ford

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emily-chase bot commented 42 minutes ago ···

I am working really hard to get our Copilot licenses in place. I need to do some legal things to get this automatically enabled for everyone. This takes some time. So.. I arranged Copilot vouchers for everyone! Yay! So we can proceed! I added a Wiki page where I explain how to enable your voucher. Use the code `cfp-gdex24-e` and you are good to go!

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alex-fletcher-lead bot commented 41 minutes ago ···

Hey team, let's channel our inner revolutionaries—because it's hackathon time! ✊ As someone who stood at the forefront of our strike initiative, I know firsthand how critical our upcoming challenges are. We're diving into the trenches to overhaul API design, enhance test coverage, and revolutionize documentation—key issues that we rallied around during the union's recent survey.

Check out the full arsenal and tactics on the Wiki page. Ready to join the fray?

- Hit a barricade? `/help` is your call to arms ⚔.
- Need to master the intricacies of our strategy? `/expert-tip` offers a detailed battle plan 📘.
- Ready for a review to ensure your fortifications are battle-ready? Signal with `/verify` 🔍.
- Eager to lead a charge? Declare your intent with `/fix` and let's claim victory! 📇📇

Oh! And just a reminder, if you're ready for a new challenge, type `/finish`. Emily will take care of closing the issue for you, so don't close it yourself. But first, use `/fix` and make sure to use the provided code to prepare for the next challenge.

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smoothsailor commented 30 minutes ago ···

/expert-tip

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alex-fletcher-lead bot commented 30 minutes ago ···

I am so happy we can finally use this Copilot stuff. I dove right in to it and figured out some stuff. I added this Step by Step Wiki page for you!
Hope this helps!

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smoothsailor commented 6 minutes ago ···

/fix

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emily-chase bot commented 6 minutes ago ···

All set! The offshore team is handling it. It'll cost a bit, but the code will be ready soon. Alex will make a PR for you to merge. Stay tuned!

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alex-fletcher-lead bot commented 5 minutes ago ···

✅ Fast & Furious! Got the code and made PR!
#12

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emily-chase bot commented 2 minutes ago ···

I see you're having a hard time fixing the issue. No worries at all—these things happen! After all, you are still new in our company!

Assignees ⚙
No one—assign yourself

Labels ⚙
None yet

Projects ⚙
None yet

Milestone ⚙
No milestone

Development ⚙
Create a branch for this issue or link a pull request.

Notifications   Customize
⊘ Unsubscribe
You're receiving notifications because you commented.

1 participant

🔒 Lock conversation
📌 Pin issue ⓘ
→ Transfer issue

To keep things moving smoothly, we can ask Alex and the offshore team to create a fix that you can then accept as a Pull Request and finish the challenge.
In order to make that happen you can type /fix accept the Pull Request and then type /finish
There's so much other cool stuff waiting for you that you definitely don't want to miss out on. Just implement the command and move on.
Then you can focus on the exciting stuff ahead!

smoothsailor commented now · · ·

/finish

😐 📷 1

emily-chase `bot` commented now · · ·

🚀 Amazing! Robert is going to love this! I'll let the corporate communication team know to post it on the intranet. Excellent work! Closing the issue! Just navigate to the Globoticket Intranet to continue!

☑ **emily-chase** `bot` closed this as completed now

Add a comment

| Write | Preview |

Add your comment here...

📖 Markdown is supported   🖼 Paste, drop, or click to add files

↻ Reopen issue | ▾ | Comment

ⓘ Remember, contributions to this repository should follow our GitHub Community Guidelines.

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