

Bridgit C# Coding Challenge Instructions

About This Coding Challenge

This coding challenge is designed to be completed alone. You are welcome to use any online training materials, documentation, code samples, libraries, etc. while completing this task. If you use any code from online sources (ex: Github gists, Stack Overflow) please attribute the source(s). Should we detect any copy & pasted code without attribution your candidacy will be rejected without question.

We ask that you please do not spend more than four hours on this challenge out of respect for your time. You are welcome to spend more, but four hours is the maximum we feel is reasonable to spend on this challenge. Please track the time you spend and include the actual total when submitting the challenge. There is no need to complete the challenge in one sitting. If you wish to spread out the time over a few days to best fit your schedule that is totally acceptable; you set your own deadline here.

The challenge is presented as a scenario with several tasks that may be completed. It is not expected that all tasks will be completed, and they have an assigned priority. It is assumed that they will be completed in priority order, but if you wish to complete some goals over others simply include your reasoning in your submission and we will gladly review the results. Priorities are ranked in descending order with priority 1 being the highest priority.

If you are unsure of how to technically implement something, use your best judgement and document your decision and/or assumption(s), then include them with your submission.

Getting Started

Before you start this challenge, you will need the following:

- .NET Core 3.1 SDK installed and functional
- An editor or IDE of your choice that works with .NET Core (we recommend the latest [VS Code](#) which is free to download and use)
- Git is recommended but not required to complete the challenge
- A way to submit your source: Github access, cloud storage, etc.
- [Postman](#) is recommended for API testing
- Clone, fork, or download an archive of the challenge repo here: <https://github.com/Bridgit/bridgit-takehome>

When you are ready to begin please confirm with the date and/or time your completed submission can be expected with the person that offered you this challenge. Please review the challenge, be realistic with your time commitments, and do your best to hit the deadline you are setting for yourself. The ability to estimate correctly is part of this challenge and late submissions will count against you. Significantly late submissions may result in your candidacy being rejected without review of your submission.

Submitting Your Completed Challenge

Beyond the code submission we recommend you include a brief document containing any information you wish to communicate back to us about your submission or the challenge itself.

This may include:

- General feedback about the challenge
- Any assumptions made while completing the challenge
- Notes about how to run, test, or evaluate your submission
- Attributions for source or materials used
- Notes for reviewers about completed or missed goals
- Anything else you feel is relevant (ex: "I feel the unit tests I added were great because...")

Submission via Github

Simply push your changes to a Github repo you control and provide us the link to the repo. You may include your documentation in the repo or email the documentation; whichever you prefer.

You may use a public or private repo. If you use a private repo please ensure that Github user "[ALockwood](#)" has read access to the repo.

If you cannot or do not use Github, a link to a complete archive of your repo is acceptable. Please indicate what the archive includes in your email to us.