# Resonate Technical Test

Candidates are expected to demonstrate their abilities in the key tasks in this test, representing minimalist versions of real-world scenarios.

No more than 4 hours should be spent on this exercise and we want to understand some decisions and how you work.

Please send the responses back in a zip-file, in a fully functioning project (source code only, no binaries please).

1. Consider the following design: <https://projects.invisionapp.com/share/6CE4G2MYE#/screens/260201543_Start>
2. Turn this into a lean, responsive, functional web-application
3. Works cross browser/device
4. Results (form input) needs to be submittable
5. Submitted results don’t need to be stored (ie: no need to build a backend system)  
   *Make sure to click either the 2 or 4 stars in the mock-up as they lead to successive pages*
6. Write an ASP.NET application (MVC or WebApi or Core) that uses jQuery/AngularJs to perform the following requirements:
7. Fetch data from <https://resonatetest.azurewebsites.net/data> which stores survey results
8. Lists the survey results from the fetched data on the page as per the mock-up with pagination
9. Shows the full view of the survey result upon clicking on the list item
10. Document use of any libraries, dev toolchain that you think will fit well for this purpose and design
11. Document any assumptions made, challenges and decisions taken
12. Any extra enhancements are welcome ☺
13. Use Visual Studio 2015/2017 to create the solution and attach only the zipped **source code** required to run the solution.
14. Discuss how you would have updated the provided Api (<https://resonatetest.azurewebsites.net/data>) if it returned a larger (~10,000 items) dataset

