

Areas of Responsibility

Pick one of IEEE, ACM, or SE code of ethics. Add a column to Table 1 from the paper corresponding to the society-specific code of ethics selected above. State how it addresses each of the areas of seven professional responsibilities in the table. Briefly describe each entry added to the table in your own words. How does the IEEE, ACM, or SE code of ethics differ from the NSPE version for each area?

| Area | Description | IEEE code of ethics | How it differs |
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| Work Competence | Perform work of high quality, integrity, timeliness, and professional competence | Code 6: Maintain and improve technical competence and undertake tech tasks only if qualified or after full disclosure of pertinent limitations Code 7: Seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors, and to credit properly the contributions of others | The IEEE code of ethics focuses more on interactions within the developer network, and doesn't focus much on shareholders in this area, unlike the NSPE version. |

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| <p>Financial Responsibility</p> | <p>Deliver products and services of realizable value and at reasonable costs</p> | <p>Code 3: Be honest and realistic in stating claims or estimates based on available data</p> <p>Code 4: Reject bribery in all its forms</p> | <p>The two versions are very similar, but the IEEE code breaks down the financial responsibility into more specific detail, saying what the project developers are responsible for and what they should avoid to maintain financial responsibility</p> |
| <p>Communication Honesty</p> | <p>Report work truthfully, without deception, and understandable to stakeholders</p> | <p>Code 3: Be honest and realistic in stating claims or estimates based on available data</p> <p>Code 2: Avoid real or perceived conflicts of interest whenever possible, and to disclose them to affected parties when they do exist</p> | <p>Both versions for this category are also very similar, with the IEEE model simply going into more detail and breaking out more specific examples on what to be honest and forthcoming with to stakeholders and fellow developers.</p> |
| <p>Health, Safety, and Wellbeing</p> | <p>Minimize risks to safety, health, and well-being of stakeholders</p> | <p>Code 8: To treat fairly all persons and not engage in acts of discrimination</p> <p>Code 9: To avoid injuring others, their property, reputation,</p> | <p>The IEEE code actually includes the importance of avoiding discrimination and preventing it, where the NSPE doesn't go into specifics with that category</p> |

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| | | or employment by false/malicious action | |
| Property Ownership | Respect property, ideas, and information of clients and others | Code 9: see above Code 7: See above | The IEEE gives specific examples of how to respect people, but also is more internally focused and doesn't include how to interact with stakeholders and clients as much as the NSPE does |
| Sustainability | Protect environment and natural resources locally and globally | N/A | This varies in that the IEEE code of ethics doesn't have a single code that directly matches to the NSPE model for sustainability. |
| Social Responsibility | Produce products and services that benefit society and communities. | Code 10: to assist colleagues and coworkers in their professional development and support them in following code of ethics | IEEE code is more focused on internal interactions than ensuring that products will be useful to the public and society at large, which is different from NSPE which is wholly focused on producing something |

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| | | | useful to the public |
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Project Specific Professional Responsibility Areas

For each of the professional responsibility areas in Table 1, discuss whether it applies in your project's professional context. Why yes or why not? How well is your team performing (High, Medium, Low, N/A) in each of the seven areas of professional responsibility, again in the context of your project. Justify.

Work Competence- We are meeting a high level of performance by meeting deadlines during our weekly sprints, maximizing our quality of our work, and not claiming any step in the process is finished until the quality of the work is to standard. This responsibility definitely applies to our project because ANY company would expect work competence in their employees, regardless of the field of work they are in. Therefore, it would apply to everyone in any industry.

Financial responsibility – Our group is performing on a high level for this category as well, since thus far our work has had no costs involved. It is possible that in the future there will be a server domain fee when we actually launch our website for public use, but this will not be applicable until our website is far more developed, which reduces the time in which costs will apply. This category currently applies to a very small degree with our project since we don't have any physical materials that are needed, and all our work is done through software.

Communication honesty – This category most certainly applies to our project because we have a client who is requesting our project be developed. We have thus far achieved a high level of performance for this category by meeting with our client at a frequency they desire, presenting them with demonstrations of our ideas in a way that they can give feedback on the project, and explaining to them our process without the use of technical language so they can follow how the project is coming along. Additionally, we are honest about what would be feasible while developing this project for a mobile application.

Health, safety, and well-being – This category doesn't really apply to our project because a website doesn't present any inherent health risks to the stakeholders, and thus far we do not have any financial burden being placed on the stakeholder either. Our performance level is therefore N/A.

Property Ownership – In this area, we have not gotten into the specifics of what part of the website is property of our client, but we are working to respect the information of any users for our website by creating secure login abilities for the accounts. In this sense, we are probably currently performing at a medium level for this category.

Sustainability – This category is again not applicable to our project because it is a purely software-based website. There aren't any specific natural resources that need to be used to develop or maintain it aside from the electricity to run it, and as developers of software we do not have a say in where the electricity is sourced. In this sense, I would say our performance in this category is N/A because we have no control over whether the resources used to maintain our project are sustainably sourced or not.

Social Responsibility – Given that our project is meant to create a way for people in need to ask for help from their community members in an easier fashion that's organized and concise, our project most definitely falls into this category. I'd say our team is performing at a high level for this category because we are doing our best to make our website user-friendly, easy to use, and a good resource for people who are in need as well as for people who want to help others in need.

Most Applicable Professional Responsibility Area

Identify one area of professional responsibility that is both important to your project, and for which your team has demonstrated a moderate or high level of proficiency in the context of your project. Briefly describe what this responsibility means to your project, the ways in which your team has demonstrated the responsibility in the project, and specific impacts to the project that you have observed

Social Responsibility – This responsibility is effectively the entire goal of our project. With our client, we are hoping to develop a social registry application that will allow people to clearly lay out and define what they need help with when they are in a crisis situation (ie: cancer diagnosis). There will be an ability for the person in need to rank what needs are most important to them, and for them to select individuals they would be willing to fulfill their needs for them (ie: if they need someone to pick up their child from school while they're at a doctor's appointment, they can make sure that the person volunteering for that duty is trustworthy). The impact of this responsibility to the project is that social responsibility completely frames our way of thinking about our project, ways we intend to implement different deliverables, and how we will go about making our product useful to the public.