**GamifyWork  
  
Idea**

One of the most important challenges with video games is that they create a sense of progress within the game, yet this progress doesn’t translate into real-life accomplishments. This application will help that by offering an enjoyable experience that also contributes to progress in real-life.

The purpose of this application is to give users a platform to view and handle tasks in a way that suits their likes and interests. Through the game experience, it aims to make task management enjoyable, motivating users to achieve their goals efficiently. This app brings together entertainment and productivity, proving that one can have fun while still making significant progress towards real-life.

# **Functionally**

The application should be able to do this:

For the user:

* Create tasks
* Mark tasks as completed
* Edit tasks
* Delete tasks
* Earn points
* Spend points
* Add friends
* Chat with friends

The application

* Should suggest tasks, based on preferences
* Start random events
* Keep a rank list of people’s score

# **Technologies**

**Front-end:**

I’m planning to use React for my project. Angular seems better suited for complicated applications and advanced developers. It was a tough decision between Vue and React, but I opted for React, mainly for its wide world community and popularity. Furthermore people in my environment will use it for this semester as well, which makes it more convenient.

Back-end:

I want to use ASP.Net core. I’m familiar with it, I used it in semester 2. Besides that I’m doing Academic Preparation this semester, so I don’t want to spend too much time learning a new language. As database I’ll go with MySQL, because I’ll use structured data and I won’t have to save documents

# **User Stories**

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to be able to create an account, so I can start using GamifyWork. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want the option to sign in with Google, so I won’t have to enter a mail and do the verification. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to create a profile picture, so people can recognize me. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want a welcome guide, so that I have an idea how the application works. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to create to-does and repeated tasks, so I know what to do. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to view all my tasks in the home screen, so that I immediately know what to do and what I completed. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to edit my tasks, so I can fix it if I have accidentally made some errors. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to delete tasks, so I won’t have to do them. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to label my tasks, so I have a better view of my tasks. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want the ability to add notes/descriptions to my tasks, so that I have a better understanding of it. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want the option to set up recurring tasks, so I won’t have to create them again every time. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to earn points for completing tasks, so I’ll stay motivated to do more tasks. | | |
| **Acceptance Criteria:** | | |

|  |  |  |
| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to be able to spend points, so it makes me eager to earn more points and do more tasks. | | |
| **Acceptance Criteria:** | | |

|  |  |  |
| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to add friends with other users, so I can compete and talk to them. | | |
| **Acceptance Criteria:** | | |

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| --- | --- | --- |
| **Title:** | **Priority:** | **Estimate:** |
| **User Story:**  As a user, I want to join and create groups, so I can see the ranking and it creates a sense of community and competition. | | |
| **Acceptance Criteria:** | | |