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**Problem:** TU students can often plan events, but have a hard time getting the word out. They may try telling all their classmates or making social media posts, but this is limited to those within (or related to) their social circle. Towson has an official event page, but only those with authorization can post events, not the common TU student or faculty.

**Solution:** We will build an event page very similar to the official Towson event page, except we will expand it to allow anyone with a Towson email to create an account and post events.

**Similar Website:** <https://events.towson.edu/>

**Necessary features:** External database using a third party serve and security measures for the website and database.

**Git Hub link:**

**Uses Cases**

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| **Name** | Sign up user |
| **Description** | Allows users to create an account for the site. |
| **Actors** | TU students and faculty. |
| **Assumptions** | User is a TU student or faculty with a TU email. |
| **Pre-condition** | User clicked sign-up. |
| **Post-condition** | The user has an account created for the site. |

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| **Name** | Log in user |
| **Description** | Allows users to log into the site. |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account. |
| **Pre-condition** | User clicked login. |
| **Post-condition** | The user is signed into their account. |

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| **Name** | View profile |
| **Description** | Allows users to view profiles (their own or someone else’s). |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account. |
| **Pre-condition** | User is logged in and clicked their own or someone else’s profile. |
| **Post-condition** | The user is taken to the profile in question where they can see the name, bio, photos, favorite tags, friends, and which events will be attended. |

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| **Name** | Edit profile |
| **Description** | Allows users to edit their profile. |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account. |
| **Pre-condition** | User is logged in, opened their profile, and clicked edit profile. |
| **Post-condition** | The user has updated their name, bio, photos, and/or favorite tags. |

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| **Name** | Message user |
| **Description** | Allows one user to message another |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account and the site has multiple users. |
| **Pre-condition** | User is logged in, opens another user’s profile, and clicked message. |
| **Post-condition** | Message is sent, notifying the recipient. |

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| **Name** | Friend user |
| **Description** | Allows one user to friend request another |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account and the site has multiple users. |
| **Pre-condition** | User is logged in, opens another profile, and clicked friend request. |
| **Post-condition** | Friend request message is sent, notifying the recipient. |

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| **Name** | Create event |
| **Description** | Allows user to create/post an event |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account. |
| **Pre-condition** | User clicked create event. |
| **Post-condition** | An event is created containing the event name, description, location, name of host(s), tags, and photos (optional but recommended). |

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| **Name** | View general events |
| **Description** | Homepage shows all events and can be filtered by time posted, popularity, and friends are attending. |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account and events have been created. |
| **Pre-condition** | User goes to homepage. |
| **Post-condition** | Events appear according to the filters the user has selected. |

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| **Name** | Search specific events |
| **Description** | Allows user to search for specific events based on key words or tags. |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account and events have been created. |
| **Pre-condition** | User selects events and types key words or tags into the search bar. |
| **Post-condition** | Events containing a key word or tag appear. |

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| **Name** | Search for user |
| **Description** | Allows user to search for other users |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account and the site has multiple users. |
| **Pre-condition** | User selects people and types a name or favorite tags into the search bar. |
| **Post-condition** | Users whose profile contains the searched name or favorite tags appears. |

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| **Name** | Mark attending for event |
| **Description** | Allows user to mark themselves as attending an event. |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account. |
| **Pre-condition** | User opens and event and clicks attending. |
| **Post-condition** | The user appears on the event page as attending, as well as the event appearing on their profile. |

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| **Name** | Comment on event |
| **Description** | Allows user to leave a comment on an event page. |
| **Actors** | TU students and faculty. |
| **Assumptions** | The user already has an account. |
| **Pre-condition** | User opens and event and types a comment into the comment box. |
| **Post-condition** | The comment appears on the event page for other users to see. |