# Individual Project Feature Declaration Form

Please enter your details below and indicate which features you have implemented. Code style and quality (Rubric Item 3) is omitted from the table below as this would apply across all implemented features. This feature declaration form is not a rubric but will be used to determine which features are implemented when marking. For you advanced feature please include details.  
  
**Note:** Students completing a custom project do not need to complete the feature declaration form.

**Student ID: s4585727**

**Student Name: Daniel Ciccotosto-Camp**

**Selected Project:** (CUSTOM) MechanicAssist

**Deployment URL:** https://claims.mechanicassist.net/

**Development Stack:** MySQL DB, Python Flask backend serving to Angular 17 frontend

**Table 1: Feature Declaration Table.**

|  |  |  |
| --- | --- | --- |
| ID | Feature Description | Implemented (Yes/No) |
| 1 | **Core Functionality** |  |
| 1.1 | Includes a landing page and supports login with social providers (e.g. Google, Github, etc) or stores passwords | Y |
| 1.2 | Implements appropriate authorization (security) across all web pages and features | Y (JWT and HTTPS) |
| 1.3 | Implements an admin interface to manage (create, list, edit and archive) user subscriptions | Y (see readme) |
| 1.4 | Implements an appropriate relational database with fields to store all required data in a non-redundant manner | Y (MySQL) |
| 1.5 | Implements an intuitive, aesthetic, responsive and accessible web design | Y (see readme |
| 1.6 | Implements a paged UI to allow users to create, list, edit and delete [ menus | data stories | surveys | custom ] | Y |
| 1.7 | Implements a UI for the user to add items [ menu items | upload csv | survey questions | custom: **Invoice Templates** ] | Y |
| 1.8 | Generates QR codes to share [ menu for each table | link to data story | link to survey | custom: N/A ] | Custom, Y |
| 1.9 | Successful deployment of web application and database to either UQCloud or AWS **[Include details]** | Y (AWS) |
| 2 | **Project Specific Features** |  |
| 2.1 | Invoices Dashboard | Y |
| 2.2 | EvalForm: Allow survey respondents to scan a QR code, complete the survey and submit it | N.A. |
| 2.3 | ChartTale: Allows data story authors to select columns from the dataset and create bar and line charts | N.A. |
| 4 | **Advanced Features (Select 1 advanced feature to equal to 4 grade points. Multiple advanced feature items will not be graded.)** |  |
| 4.1 | MenuScanOrder: Allow staff to view and mark an order as completed |  |
| 4.2 | ChartTale & EvalForm: Support additional chart types or additional survey question types and/or visualisations |  |
| 4.3 | EvalForm: Allow survey responses to be exported |  |
| 4.4 | Implement social sharing, likes and commenting **[Include details]** |  |
| 4.5 | Implement a recommendation algorithm **[Include details]** |  |
| 4.6 | Include Machine Learning or GenAI functionality (e.g. auto-create content, write analysis, you can be creative….)  **[Include details]** | Y |
| 4.7 | Implement a Progressive Web Application (with Notifications and Mobile Device Specific features) **[Include details]** |  |