

| Product Backlog Item Number | Item Description | Tasks | Developer | Hours |
|-----------------------------|--|---|-----------|-------|
| | Manage connection to the SQL database. | Read DB Connection info from a config file Initiate connection to DB Test DB Connection | | 1 |
| | Administrator shall be able to create a new contact in the database. | Create Contact Table Create Contact GUI Create Contact Class Test Creating A Contact Create GUI Validation Rules | | |
| | Administrator shall be able to create a new department in the database. | Create Departments Table Create Departments To Customers Table Create Departments Class Create Departments GUI Define SQL Statements Test Creating A Department Create GUI Validation Rules | | |
| | Administrator shall be able to create an ad-hoc report by selecting start date, end date, metrics, dimensions, sorting, filters as well as recipients. | Create Reports GUI Create GUI Validation Rules | | |
| | Administrator shall be able save reports to the database. | Define SQL Statement Create Report Class Test Saving Report To Database | | |
| | Administrator shall be able to preview a report's results before sending it. | Create Report Preview GUI Create AnalyticsConnector Class Define mechanism to send/receive analytics data. Test report preview | | |
| | All report results shall be sent via email to the specified recipients. | Create MailManager Class Create mechanism to retrieve emails given selected contacts or departments. Test email sending mechanism. | | |
| | Administrator shall be able to edit an existing contact. | Define SQL Query to Read Define SQL Query To Update Make neccessary GUI changes Test contact update | | |
| | Administrator shall be able to delete a contact from the database. | Define SQL Query | | |
| | Administrator shall be able to delete a department from the database. | Define SQL Query to remove department information Define SQL Query to remove department-contact relationships Test department deletion | | |

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| | Administrator shall be able to select a department to edit or delete by searching for the department name. | | | |
| | | Define SQL statement to load all department names. | | |
| | | Create GUI List of Departments | | |
| | | Create mechanism to load selected department details. | | |
| | | Create mechanism to perform filtering search (i.e. search as you type). | | |
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| | Administrator shall be able to select a contact to edit or delete by searching for the contact's first and/or last name | | | |
| | | Define SQL statement to load all department names. | | |
| | | Create GUI List of Departments. | | |