University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: ____3____

Date: ____Mar 12, 2023____

Group Number: ____40____

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

WedUP

Leave the planning UP to us.

Description

WedUP is a wedding planner – built for wedding planners!

WedUP solves the difficulties of managing personnel by modelling wedding staff and guests in the database. Other entities in the database will also aid users in finding suitable services or staff to hire or book. With the database relations in place, users will be able to see which aspects of the wedding still need to be finalized or addressed. By modelling a detailed wedding service, WedUP reduces the need for planners to be bogged down by the overwhelming amount of logistics, and instead focus on delivering a spectacular wedding service for their clients.

FRONT-END

TASK	TO BE DONE BY	DEADLINE
Page to view available venues	Drea	March 22
Page for companies and rates ➔ View companies and their rates	Drea	March 22
Page to add new weddings ➔ Section to add date ➔ Section to add groom information ➔ Section to add bride information ➔ Section to add officiant information ➔ Dropdown menu to select which venue will be booked ➔ Enforce above information to all be included before creating new wedding	Drea	March 29
Page to view created weddings ➔ Button to delete a wedding ➔ Button to update certain wedding information	Drea	March 29
Page to add guests to a wedding ➔ Section to add guest information ➔ Section to optionally add plus-one information	Drea	March 29
Page to add staff to a wedding ➔ Dropdown menu to select staff	Drea	March 29
Page to search/filter data ➔ Create dropdowns / text boxes to allow selection, projection, joins, aggregation, etc. on various tables ➔ Section to display data	Drea	April 5

BACK-END

TASK	TO BE DONE BY	DEADLINE
Instantiating tables with data ➔ Creating empty tables ➔ Initializing data for venues table ➔ Initializing data for staff table	Jason	March 22
Inserting new data into tables ➔ Generating INSERT queries from the page that adds new weddings	Jason	March 22
Updating existing date in tables ➔ Generating UPDATE queries from wedding information pages	Jason	March 29
Deleting existing data in tables ➔ Generating DELETE queries from wedding information pages	Jason	March 29
Selection ➔ Implement basic selection queries from single tables	Parker	March 22
Projection ➔ Enable projection alongside selection	Parker	March 22
Join ➔ Allow for joins between multiple tables	Parker	March 22
Aggregation ➔ Implement aggregation with having ➔ Implement aggregation with group by ➔ Nested aggregation with group by	Parker	March 29
Division	Parker	March 29
Filtering data based on various attributes ➔ Staff by company ➔ Weddings by venue ➔ Etc. ➔ Ultimately combining query functionality	Parker / Jason	April 5

TIMELINE

End of Week 0 (March 15):
  ➔ Milestone 3 TA meeting
  ➔ Start familiarizing with PHP / front-end tech stack

End of Week 1 (March 22):
  ➔ Viewable information on the front-end
  ➔ SQL script and table set up
  ➔ Basic SQL queries
GOAL: Inserting and viewing data from the GUI

End of Week 2 (March 29):
  ➔ Front-end allows for editing and adding data
  ➔ Aggregation and division queries
GOAL: Updating and adding data from the GUI

End of Week 3 (April 5):
  ➔ Milestone 4 deadline
  ➔ Combining query functionality for filtering
  ➔ Search / filter page for front-end
  ➔ Fully perform all required queries from GUI
GOAL: Filtering and more complex queries from the GUI