**Covid-19 Diagnosis System**

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A BEGINNER’S GUIDE

**Getting Started on the** **Covid-19 Diagnosis Expert System**

**Adding a new Symptoms for a Variant to the Expert System**

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**Step 1:** Click on the button, ***New Symptom*** button as indicated by the arrow***.*** The following window should open.

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**Step 2:** Click on the button with variant you wish to add a symptom for. A window similar to the one below should open.

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**Step 3:** Enter the new symptom associated with the variant chosen.

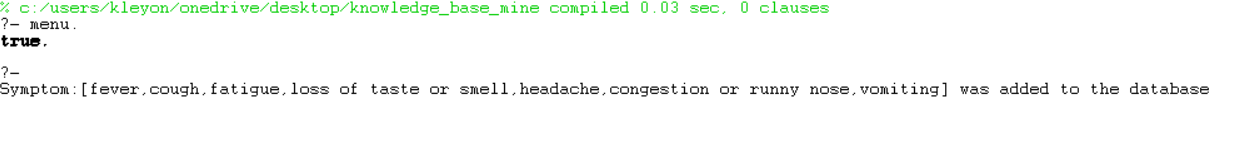
**Step 4:** Click the ***submit*** button to add the symptom to the database.

***Examples:***

**Adding Symptom for the Regular Covid-19 Variant**

**Graphical user interface, text, application, email

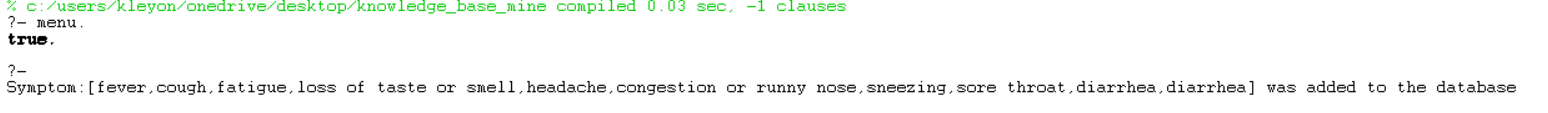
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**Outcome: **

**Adding a Symptom for the Delta Variant**

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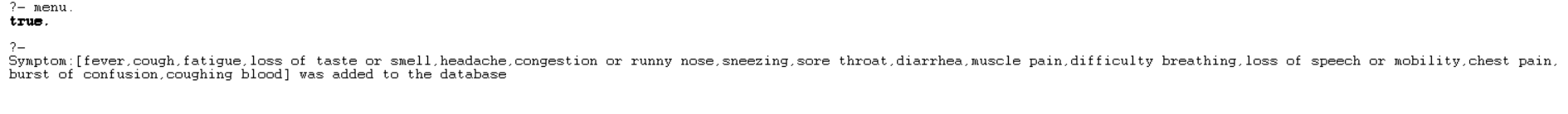
**Outcome: **

**Adding a Symptom for the Omicron Variant**

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**Outcome:**

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**How To Add and View Underlying Condition Associated with the Omicron Variant**

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**Step 1:** Click on the button, ***Underlying Condition.*** The following window should open.

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**Step 2:** Click on the button, ***New Underlying Condition.*** The window below should open.

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**Step 3:** Enter the new underlying condition and click the ***add*** button.

**Step 4:** A prompt should open asking if you would like to add another underlying condition.

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**Step 5:** Click on the ***yes*** button if you wish to add another underlying condition, click ***no*** if not.

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**Step 4:** To view the new underlying conditions added, click on the ***view underlying conditions*** button as indicated by the arrow***.***

***Example***

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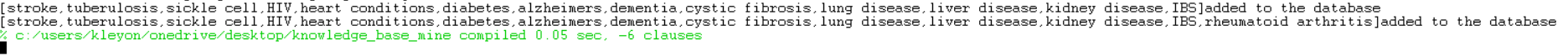
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**Outcome:**

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**Diagnosing a Patient**

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**Step 1:** Enter Patient’s name, age, select their gender and enter their temperature.

**Step 2:** Select whether patient has been experiencing the symptoms, Dizzy, Fainting or Blurry Vision.

**Step 3:** Enter Patient’s Systolic and Diastolic Reading.

**Step 4:** Select the symptoms the patient is experiencing.

**Step 5:** Select the conditions that the patient or their family has a history of.

**Step 6:** Click the ***submit*** button. (See Examples below)

**Diagnosis of a patient with Omicron**

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**Outcome:**

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**Diagnosis of a Patient with the Regular Variant**

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**Outcome:**

**Graphical user interface, text, email

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**Diagnosis of a Person with the Delta Variant**

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**Outcome:**

**Graphical user interface, text, application

Description automatically generatedViewing Covid-19 Statistics**

**Graphical user interface, text, application, email

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**Step 1:** Click on the ***Covid Statistics*** button as indicated by the arrow.

**Step 2:** A window should open showing the total cases, percentage of persons with mild symptoms, severe symptoms, the delta variant, the omicron variant, and omicron with underlying conditions (see example below).

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**Patient User Manual**

**Diagnosing Yourself**

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**Step 1:** Click on the ***diagnose patient*** button. The following window should open.

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Description automatically generated with medium confidence

**Step 2:** Enter your name, age, select your gender and enter your temperature.

**Step 3:** Select whether you have been experiencing the symptoms, Dizzy, Fainting or Blurry Vision.

**Step 4:** Enter your Systolic and Diastolic Reading.

**Step 5:** Select the symptoms you are experiencing.

**Step 6:** Select the conditions that you or their family has a history of.

**Step 7:** Click the ***submit*** button. (See Example below)

***Example***

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**Outcome :**

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**Viewing Covid-19 Statistics**

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