Gui <<MetroForm>> Window Program <<use>>> + Window() # Main(): void manager + ImportButtonClick(object, EventArgs) : void + OnMouseHoverImportButton(object, EventArgs) : void + OnMouseLeaveImportButton(object, EventArgs) : void - tableTab chartTab - infoTab <<UserControl>> <<UserControl>> <<UserControl>> TableTab ChartTab InfoTab + INFO\_PATH: string = "../../Data/info.html" + TableTab() + ChartTab() + InitializeTableTab(Manager) : void + InitializeChartTab(Manager) : void InitializeAttributeComboBox(): void - GenerateTypeChart(): void + InfoTab() + GenerateInfo(): void GenerateTable(): void - GenerateOdorChart(): void AttributeComboBoxSelectedIndexChanged(object, EventArgs): void - GenerateRingNumberChart(): void - GenerateBruisesChart(): void OnMouseHoverFilterbutton(object, EventArgs): void OnMouseLeaveFilterButton(object, EventArgs): void - GenerateCapColorChart(): void - FilterButton\_Click(object, EventArgs) : void

Manager + Manager(string) + GenerateEmptyTable() : DataTable + GenerateDataTable(): DataTable + GenerateFilteredDataTable(string, string) : DataTable 0..1 + GenerateTypeChart() : DataTable + GenerateOdorChart() : DataTable + GenerateRingNumberChart(): DataTable + GenerateBruisesChart() : DataTable + GenerateCapColorChart() : DataTable + Load(string): void dataSet 0..\* Mushroom + CAP SHAPE : char[] = {'b', 'c', 'x', 'f', 'k', 's'} +CAP SURFACE: char[] = {'f', 'g', 'y', 's'} +CAP COLOR: char[] = {'n', 'b', 'c', 'q', 'r', 'p', 'u', 'e', 'w', 'v' } +BRUISES[]: char[] = {'t', 'f'} +ODOR[]: char[] = {'a', 'l', 'c', 'y', 'f', 'm', 'n', 'p', 's'} +GILL ATTACHMENT: char[] = {'a', 'd', 'f', 'n'} +GILL SPACING: char[] = {'c', 'w', 'd'} +GILL SIZE: char[] = {'b', 'n'} +GILL COLOR: char[] = {'k', 'n', 'b', 'h', 'g', 'r', 'o', 'p', 'u', 'e', 'w', 'y'}
+STALK SHAPE: char[] = {'e', 't'} +STALK\_ROOT: char[] = {'b', 'c', 'u', 'e', 'z', 'r', '?'} +STALK SURFACE ABOVE RING: char[] = {'f', 'y', 'k', 's'} +STALK SURFACE BELOW RING: char[] = {'f', 'y', 'k', 's'} +STALK COLOR ABOVE RING: char[] = {'n', 'b', 'c', 'g', 'o', 'p', 'e', 'w', 'y'} +STALK COLOR BELOW RING: char[] = {'n', 'b', 'c', 'g', 'o', 'p', 'e', 'w', 'y'} +VEIL TYPE:  $char[] = \{'p', 'u'\}$ +VEIL COLOR: char[] = {'n', 'o', 'w', 'y'} +RING NUMBER: char[] = {'n', 'o', 't'} +RING\_TYPE: char[] = {'c', 'e', 'f', 'l', 'n', 'p', 's', 'z'} +SPORE PRINT COLOR = {'k', 'n', 'b', 'h', 'r', 'o', 'u', 'w', 'y'} +POPULATION: char[] = {'a', 'c', 'n', 's', 'v', 'y'} +HABITAT: char[] = {'q', 'l', 'm', 'p', 'u', 'w', 'd'} -type: MushroomType -capShape:char -capSurface:char -capColor:char -bruises:char -odor:char -gillAttachment:char -gillSpacing:char -gillSize: char -gillColor: char -stalkShape: char -stalkRoot: char -stalkSurfaceAboveRing: char -stalkSurfaceBelowRing: char -stalkColorAboveRing: char -stalkColorBelowRing: char -veilType: char -veilColor: char -ringNumber: char -ringType: char -sporePrintColor: char -population: char -habitat: char << Property>> +Type: MushroomType << Property>> + CapShape: char << Property>> +CapSurface: char <<Pre><<Pre>color: char << Property>> +Bruises: char << Property>> +Odor: char << Property>> +GillAttachment:char << Property>> +GillSpacing:char <<Pre><<Pre>roperty>> +GillSize:char << Property>> +GillColor: char << Property>> +StalkShape: char <<Pre><<Pre>roperty>> +StalkRoot: char << Property>> +StalkSurfaceAboveRing: char << Property>> +StalkSurfaceBelowRing: char << Property>> +StalkColorAboveRing: char << Property>> +StalkColorBelowRing: char << Property>> + VeilType: char << Property>> + VeilColor: char << Property>> +RingNumber: char << Property>> +RingType: char <<Pre><<Pre>roperty>> +SporePrintColor: char << Property>> +Population: char << Property>> + Habitat: char 

Model