ICS 499 – Capstone
Data Definitions
Badass Team Name (AKA Purple Hippos)

Introduction:

A data definition supplements user stories and / or feature files with information about the data and its attributes (length, type: alpha/numeric, etc). This is a logical description, not a physical one. That is, no consideration is given to database tables, normalization, or related design topics.
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Legend:

- Field Name: Name of the field – must be a logical name that has a meaning to a stakeholder, i.e. not a physical database field name.
- Description: Field description – in user terms.
- Len: The length of the field. Applies to String fields only.
    - If there is a min/max. length, specify it as an x:y pair, where x is the min. length and y is the max. Example: 1:50.
- Type: The logical data type, i.e. Number, String.
    Remember, this document describes data at a logical, as opposed to a physical level. That is, do not describe the data in its physical characteristic, i.e. char, long, double, etc.
- Required   Indicates if the field is required.
- Valid Values: Use this column if there is a fixed set of values, such as colors of the rainbow, etc. Include how the list is to be ordered and the selection criteria (single select, multi-select, etc.). If the list is too long, put it in an Appendix and refer to it. Example: See Appendix A,
- Default   Indicates the default value. If you have a list of valid values, the default has to be one of them. If there is no default value, say "N/A.
- Business Rules This is used when the system needs to perform additional validations. Additional information or examples can go here as well.

Login

Field Name	Description	Len	Type	Req'd	Valid Values	Default	Business Rules
username	Name of the user. After successful login, it's signed by JWT	8:20	Text	Y	Alphanumeric	None	Entered by user in login portal
password	Password of the user	8:20	Text	Y	Alphanumeric	None	Entered by user in login portal
JSON Web Token (JWT)	Token containing and signing username and token expiration time		Signed Token	Y		None	Created when a user logs in. Automatically expires after 1 hour. Payload includes user ID.

Logout

Field Name	Description	Len	Type	Req'd	Valid Values	Default	Business Rules
JSON Web Token (JWT)	Token containing and signing username and token expiration time		Signed Token	Y		None	Token is cleared from user's cookies, automatically expires after hour

Create Note

Field Name	Description	Len	Type	Req'd	Valid Values	Default	Business Rules
Note ID	ID of the specific note being created	1:10	Number	Y	digits 0-9	None	Autoassigned by system when note is uploaded
Provider ID	User ID of the provider creating the progress note.	TBD	Text	Y		None	Assigned to a user when an account is created. Increments when a new user is created. Retrieved from JWT after user logs in.
Patient Name	Name of patient the provider is interacting with for the given note's session	TBD	Text	Y	Alphanumeric	None	Entered by user.
Service	Type of service the patient is receiving	TBD	Text	Y	Alphanumeric	None	Entered by user.
Service Date	Date when the service took place	N/A	Date	Y	Any date	None	Entered by user.
Start Time	Start time of service	N/A	Time	Y	0:00 to 23:59	None	Entered by user.
End Time	End time of service	N/A	Time	Y	0:00 to 23:59	None	Entered by user. The end time must come chronologically after the start time. It cannot cross midnight.
Summary	Summary of treatment provided to patient	TBD	Text	Y	Alphanumeric	None	Entered by user.
Progress	Progress with the overall treatment over many sessions	TBD	Text	Y	Alphanumeric	None	Entered by user.
Response	The patient's response to to the treatment	TBD	Text	Y	Alphanumeric	None	Entered by user.
Assessment Status	The provider's assessment of the current mental health of the patient	TBD	Text	Y	Alphanumeric	None	Entered by user.
Risk Factors	Any risk factors that may be pertinent to ongoing treatement	TBD	Text	Y	Alphanumeric	None	Entered by user.
Emergency Interventions	Any emergency interventions	TBD	Text	Y	Alphanumeric	None	Entered by user.
Status	The status for whether an administrator has approved a note or not	TBD	Text	Y	Pending Approved Denied	Pending	Notes submitted by a provider automatically are set to Pending.

View Notes

Field Name	Description	Len	Type	Req'd	Valid Values	Default	Business Rules
User ID	An ID corresponding to the user viewing the list of provider notes they have the privilege to access.	1:10	Number	Y		None	Retrieved from JWT after user logs in.
Progress Notes	List of notes the user is authorized to view (Subfields from note displayed: NoteID, PatientName, StartTime, EndTime, ServiceDate, Status)	Indefinite	List	Y	Notes	Empty	Presented as a table. Possible for list to be empty if no authorized notes currently exist. Retrieved from MySQL server when page loads.

View Specific Provider Note

Field Name	Description	Len	Type	Req'd	Valid Values	Default	Business Rules
User ID	ID of the user trying to view the completed progress note	1:10	Number	Y	digits 0-9	None	Used to confirm if the user has appropriate privilege to view the note being accessed. Retrieved from JWT after user logs in.
Note ID	ID of the specific note being viewed	1:10	Number	Y	digits 0-9	None	Retrieved from MySQL server and used to automatically populate the page.
Provider ID	User ID of the provider that created the progress note.	TBD	Text	Y		None	
Patient Name	Name of patient the provider interacted with for the given note's session	TBD	Text	Y	Alphanumeric	None	
Service	Type of service the patient received	TBD	Text	Y	Alphanumeric	None	
Service Date	Date when the service took place	N/A	Date	Y	Any date	None	
Start Time	Start time of service	N/A	Time	Y	0:00 to 23:59	None	
End Time	End time of service	N/A	Time	Y	0:00 to 23:59	None	
Summary	Summary of treatment provided to patient	TBD	Text	Y	Alphanumeric	None	
Progress	Progress with the overall treatment over many sessions	TBD	Text	Y	Alphanumeric	None	
Response	The patient's response to to the treatment	TBD	Text	Y	Alphanumeric	None	
Assessment Status	The provider's assessment of the current mental health of the patient	TBD	Text	Y	Alphanumeric	None	
Risk Factors	Any risk factors that may be pertinent to ongoing treatement	TBD	Text	Y	Alphanumeric	None	
Emergency Interventions	Any emergency interventions	TBD	Text	Y	Alphanumeric	None	
Status	The status for whether an administrator has approved a note or not	TBD	Text	Y	Pending Approved Denied	Pending	