User Stories

green: sprint 2 (24 user stories), blue: sprint 3 (26 user stories), red: sprint 4 (25 user stories). (Note: the user stories start from sprint 2)

ID	As a <Role>	I want to <Do something>	To <Achieve some goals>	Priority	User Story Points	Planned to be completed at <Which sprint>
1	Anonymous User	Visit the website	Construct a home page	High	2	Sprint 2
2	Anonymous User	Know more about the website	Construct an introduction page	Medium	2	Sprint 2
3	Anonymous User	Visit the introduction page	Add the introduction page link at the home page	Medium	1	Sprint 2
4	Anonymous User	Register	Construct a registration page	High	3	Sprint 2
5	Anonymous User	Visit the registration page	Add the registration page link at the home page	Medium	1	Sprint 2
6	Registered User	Log in	Construct a log in page	High	3	Sprint 2
7	Registered User	Visit the log in page	Add the link of log in page at the home page of registered users	Medium	1	Sprint 2
8	Administrator	Review user registration information	Transfer user information to backend and Store it in the temporary database	High	2	Sprint 2
9	Administrator	Accept a certain user registration	Transfer the user's registration information to the permanent database from the temporary one	Medium	2	Sprint 2
10	Administrator	Reject a certain user registration	Delete the user's registration information in the temporary database	Medium	1	Sprint 2
11	Administrator	Make sure everyone can only register for one account	Traverse whether the user's information exists in the permanent database	Medium	1	Sprint 2
12	Anonymous User	View his/her user moderation status	Construct a page of user moderation status	Medium	2	Sprint 2
13	Anonymous User	Know whether been accepted	Construct an acceptance page	Low	1	Sprint 2
14	Anonymous User	Know whether been rejected	Construct a rejection page	Low	1	Sprint 2
15	Anonymous User	Know the result of user moderation	Display a link of acceptance page or rejection page in the page of user moderation status after the administrator accepts or rejects the user's registration	Medium	1	Sprint 2
16	Registered User	Upload the data obtained the hardware	Construct an upload page	High	3	Sprint 3
17	Registered User	Visit the upload page	Display the link of upload page in the home page after the user logs in successfully	Medium	2	Sprint 3
18	Administrator	Review the format of user-uploaded files	Store user-uploaded files in a temporary database	Medium	1	Sprint 3
19	Administrator	Accept user-uploaded files if in csv format	Transfer the user-uploaded files to the permanent database from the temporary one	Medium	2	Sprint 3
20	Administrator	Reject user-uploaded files if not in csv format	Delete the user-uploaded files in the temporary database	Medium	1	Sprint 3
21	Registered User	Know whether the uploaded files have been accepted	Construct an acceptance page	Low	1	Sprint 3
22	Registered User	Know whether the uploaded files have been rejected	Construct a rejection page	Low	1	Sprint 3
23	Registered User	Know the file-upload result	Display a link of acceptance page or rejection page in the upload page after the administrator accepts or rejects the uploaded files	Medium	2	Sprint 3

24	Registered User	See all the files he/she uploaded in the past	Construct a historical data page	Medium	2	Sprint 3
25	Registered User	Convert the csv data into a format suitable for visualization	Construct a data conversion page, and Add a link here	High	3	Sprint 3
26	Administrator	Convert the csv data through the IK algorithm	Input the csv data into the IK algorithm, and output the result data	Medium	2	Sprint 3
27	Administrator	Convert the csv data through the IMUs algorithm	Input the csv data into the IMUs algorithm, and output the result data	Medium	2	Sprint 3
28	Administrator	Convert the csv data through the deep neural network	Input the csv data into the deep learning algorithm, and output the result data	Medium	2	Sprint 3
29	Administrator	Display the result data to the user	Display some links of the result data in the data conversion page after there are some result data	High	2	Sprint 3
30	Coach (Registered User)	View the movement trajectory of human joint points	Make a three-dimensional dynamic map to show the movement trajectory of the human joints	Medium	3	Sprint 4
31	Coach (Registered User)	Understand the joint details of a movement in-depth	Construct the angle of each joint during movement through different joint points of the body	Medium	3	Sprint 4
32	Coach (Registered User)	Watch the 3D animations fluently	Optimize the animation display function to reduce unnecessary data display	Medium	2	Sprint 4
33	Coach (Registered User)	Control the progress of playback	Control the playback progress of 3D animations through temporary data streams	Medium	2	Sprint 4
34	Medical personnel (Registered User)	Diagnose patients' bone diseases	Construct the trajectory of all human bones in motion	Medium	3	Sprint 4
35	Medical personnel (Registered User)	View the 3D structure of patients' bones	Construct a 3D image of the patient's skeleton	Medium	2	Sprint 4
36	Medical personnel (Registered User)	Control the playback progress of patients' motion trajectory	Control the playback progress of patients' motion trajectory through temporary data streams	Medium	2	Sprint 4
37	Medical personnel (Registered User)	View the trajectory of patients' bone movement from different angles	Add 3D rotation function	Medium	3	Sprint 4
38	Data analysis researcher (Registered User)	Get specific skeletal motion trajectories under different motion states	Add an interface for the data that they want to observe	Medium	3	Sprint 4
39	Data analysis researcher (Registered User)	Study different motion trajectories for different bone diseases	Construct a database to store the motion trajectories of patients with different skeletal diseases	Medium	2	Sprint 4