ASC SS:

Year	Sem	SPI	CPI	Sem Credits Used for SPI	Completed Semester Credits	Cumulative Credits Used for CPI	Completed Cumulative Credits
2023	Spring	4.0	5.85	36.0	36.0	150.0	150.0
2023	Autumn	4.07	6.12	42.0	42.0	120.0	120.0
2022	Spring	6.38	7.22	39.0	39.0	78.0	78.0
2022	Autumn	8.05	8.05	39.0	39.0	39.0	39.0

Semester-wise Details

*This registration is subject to approval(s) from faculty advisor/Course Instructor/Academic office.

Year/Semester: 2023-24/Spring

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
CS 104 (D3)	Software Systems Lab	6.0	Core course	CD	C
CS 208	Automata Theory and Logic	6.0	Core course	DD	C
CS 217	Artificial Intelligence and Machine Learning	6.0	Core course	CD	C
CS 218	Design and Analysis of Algorithms	6.0	Core course	CC	C
CS 219	Operating Systems	6.0	Core course	DD	C

Year/Semester: 2023-24/Autumn

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
CS 213	Data Structures and Algorithms	6.0	Core course	DD	C
CS 215	Data Analysis and Interpretation	6.0	Core course	CD	C
CS 230	Digital Logic Design and Computer Architecture	6.0	Core course	CC	C
CS 231	Digital Logic and Computer Architecture Lab	3.0	Core course	CD	C
CS 293	Data Structures and Algorithms Lab	3.0	Core course	CC	C
EC 101 (D3)	Economics	6.0	Core course	CC	C
SOM622	Strategic Marketing First Half	3.0	HSS elective	DD	C

REPORT:

Looking for a date?

Basic Tasks:

1)login Page:- Asks for username and password ,for registered users it will got to input interface if you fill correct entries.It has login and Forgot Password buttons.

2)Forgot Password? Button:-It will ask for username ,then shows corresponding secret_question on secreen and asks answer for it(if user is registered,if not gives error message),along with verify answer button and go back to login button.Verify answer button verifies answer and provides password if answer is correct else will give error message.

3)Input Interface:-Asks user to fill some details mentioned in problem statement along with Find Match,Scroll through Profiles,logout buttons.

4)Scrolling/swiping:-Input interface is redirected to this page on clicking scroll through profiles.

5)Finding the "right match":-Users "right match" is found among profiles present in students.json,using compatibility score.

Customiztions:

1)scroll_or_swipe.html page has links of All profiles,Male,Female,Other Gender,Technology,Art,Literature,Sprts,Fashion,Music,Movies,Traveling. on clicking gender links it will give people of that particular gender.For interests links they give people with who has interest in that field.

2)For finding "right match" i used compatability score concept.which is based on gender and common interests and hobbies.if user is male then i will find his "right match" from females in students.json file only.for each femaleprofile i will calculate sum of scores of common interests and hobbies b/w user and that femaleprofile.The female profile with highest compatible score is "right match".if more than 1 femaleprofile have same highest compatible score than (thought to break tie using roll number of them) but chose as whose femaleprofile got highest compatible score first.Similarly for female users i will find "right match" from maleprofiles in students.json .similarly for Other gender users i will find "right match" from Other gender profiles in students.json.

Extra Files:

1)all_profiles.html for All Profiles link in scroll/swipe.
2)<interests>.html files for interest links in scroll/swipe
3)<gender>.html files for gender links in scroll/swipe.
4)male.js for displaying "right match" of male users
5)female.js for displaying "right match" of female users
6)other.js for displaying "right match" of other users
7)styles1.css,styles2.css for styling
(above extra files are in public directory)
8)server,js [in CS104 Project directory)

Implementation:

1)Open terminal in CS104 Project directory and run node server.js
2)Go to http://localhost:3000/login.html in browser.