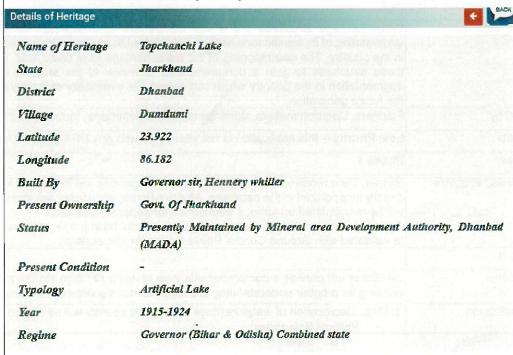
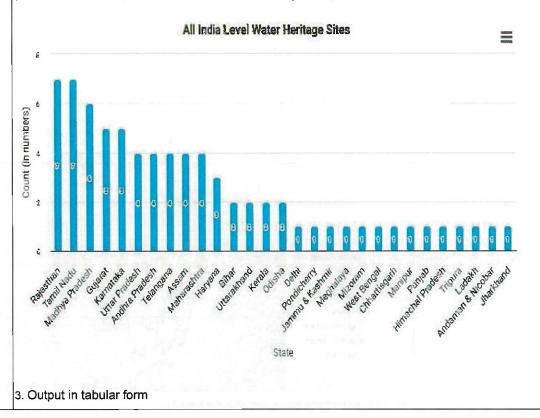
business Specific r	Requirements				
Theme	Existing IT system for internal agencies of MoJS				
Application	WIMS expansion-WRIS				
Use Case	Jal-Itihaas				
Use Case ID	WRIS-SSA-07				
Other linked Use Case	N/A				
	Water heritage structures are a vital component of India's rich cultural heritage. The deep understating of its significance need to established to preserve the water heritage structures exist in the country. The geo-mapping of the water heritage sites could lead to create an inventory of these structures to gain a comprehensive overview of the state of water conservation and augmentation in the country which can ensure the availability of the heritage sites information to the future generation				
	Planners, Decision makers, administrators, academicians, farmers, and the public in general				
Priority	Low Priority – this application is not interlinked with any DSS of the WARIMS portal.				
Phase	Phase 1				
	Issues: Data received from State and Central Agencies are in the .pdf formate which can not be directly incoporated in the database. Mulitple heritage sturtures are shown on a same point. Data will be manipulated on various boundaries for better visulaization Approch: The location of water heritage sites shoul be in proper geospatial formate which need to validated with Ground Control Points for proper visualization				
Output					
	Jal Itihaas will provide a comprehensive view of water heritage structures of the country, allowing for a better understanding of their historical significance and importance.				
Visualization	1. Map: Geolocation of water heritage sites in the country will be shown with respect to; Political Boindaries State District AEGHANISTAN Remoter PAKISTAN Remoter PAKISTA				

<u>User Selection:</u> When the user clicks on the location of water heritage site in an application, the below mention table will pop-up on the screen with key salient features of the heritage sites so that the user can easily identify them.



2. Graph / Charts

(X-Axis: State name, Y-Axis: Count of water heritage sites)



	Sr No	Heritage Name		State	District	Туре	Year		
	1	Panighat Aqueduct		Andaman & Nicobar	South Andamans	Dam	During British period		
	2	K. C. Canal Aqueduct Across Handri River		Andhra Pradesh	Kurnool	Others	19th Century		
	3	Sir Arthur Cotton Barrage(Dowlesh	waram Anicut)	Andhra Pradesh	East Godavari	Dam	1852		
	4	Porumamilla Tanl Sagaram)	k (Anantharaja	Andhra Pradesh	YSR Kadapa	Tank	1369		
	5	Cumbum Tank		Andhra Pradesh	Prakasam	Tank	1522-1524 AD		
	6	Bor Pukhuri Or Sivasagar Tank		Assam	Sivasagar	Tank	1734		
	Details	Details of Heritage							
		e of Heritage	Topchanchi Lak	te					
	State		Jharkhand Dhanbad						
	Villa		Dumdumi						
	Latit		23.922 86.182						
		ritude							
	Built			ennery whiller					
		ent Ownership	Govt. Of Jharkhand						
	Statu		Presently Maintained by Mineral area Development Authority, Dhanbad (MADA)						
	Prese	ent Condition	•						
	Туро	logy	Artificial Lake						
	Year		1915-1924	1915-1924					
	Regis	me	Governor (Bihar & Odisha) Combined state						
	Rule	P	Governor	Governor					
	Desc	ription	constructed by Township. It re Hills. In 1914,	the British (ceives water fi Jharia Jal 1	Govt. to supply Lom the stream Board was con	drinking s that flow stituted to	water to Jharia flom Parasnath form a massive		
	24.1		reservoir. Crystal blue colour water of the lake and the beautiful hills surroundings make it an attraction to Tourist. It covers a total area of 214 acres. Syberian birds also attraction for Tourists.						
	Photo	98							
requency	Static in	Static in nature, However, data will be updated as per their availibility							
fleasures of Succe (KPIs)		The application shows a comprehensive view of water heritage structures, allowing for a be understanding of their historical significance and importance.							

nput Data Required	Data Po	oints:				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	S. No	Data point	Type	Unit	Data Provider	
	1	Name of Heritage	String	Text	7 125 2 11	
	2	Latitude	Float	Degree Decimal]	
	3	Longitude	Float	Degree Decimal]	
	4	Region	String	Text	ے	
	5	State	String	Text	Ssio	
	6	District	String	Text	1 🖺	
	7	Village	String	Text	National Water Mission	
	8	Built by	String	Text	, Nai	
	9	Present ownership	String	Text	1 = 1	
78.1	10			Text	<u>.</u> 6	
	11 Present Condition		String String	Text	ţa	
	12	Topology	String	Text	1 -	
	13	Year	String	Text	1	
	I	Regime	String	Text	-	
	15	Ruler	String	Text	1	
	16	Photographs	Jung	hyperlink	4	
rocess	10	Friotographis		пуренник		
Algorithm/Tool	Colle	S S S S S T T T T T T T T T T T T T T T	tep 2	Mapping of heritage stru	files	Marches, See Fig. 10 Sept. 10
Data Validations		neritage Structures	Informatio	on data may requ	ire validation be	efore use.
Software Requirement specific if any)	Arceis	, Python, Angular	albert Ale	Control Control		
Dependencies & Risks	Data av	ailability with source a	gencies		400	170
Jser Acceptance Festing (UAT) By	NWIC					
Development Responsibility	NWIC. agains rake to wate exemedatance a cause of tholicas at Triscoco Three and					
Reference Material	https://indiawris.gov.in/wris/#/jalitihaas					

For any communica	ation/clarification on the BSR,	the following Officer may be contacted.			
Nodal Officer Name & Designation:	Dr. Rakesh Singh, Deputy Director	Signature:			
Organization:	NWIC				
Contact No.: Email id:	9006150281 dd-services-nwic@gov.in				
BSR prepared by Subject Matter Expert (SME), Name & Designation:	Dr. Dharmesh Singh Hydrologist	Signature: Ahrmed 22/05/23			
Organization:	NWIC	***			
COIILAGE NO.	8447025987 hydrologist.nwic@gmail.com				

This is to certify that the above BSR has been vetted and found satisfactory.

Details of Domain Organization SPOC and SME for Verification and Approval of above BSR

(Signature of SPOC)
: Lake W S

SPOC Name:

SPOC Designation: A Organization:

(Signature of SME)

SME Name:

SME Designation: Organization: